

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
 Data File : BG064205.D
 Acq On : 7 Apr 2025 17:03
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG040725

Quant Time: Apr 07 17:40:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 07 17:00:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.856	152	29166	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	139416	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	102876	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	223793	20.000	ng	0.00
76) Chrysene-d12	21.457	240	223754	20.000	ng	0.00
86) Perylene-d12	24.466	264	245417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	145563	80.268	ng	0.00
7) Phenol-d6	7.027	99	213854	83.283	ng	0.00
23) Nitrobenzene-d5	9.007	82	233661	83.640	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	114182	82.663	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	561024	79.302	ng	0.00
79) Terphenyl-d14	19.842	244	924257	82.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.367	88	27592	38.388	ng	96
3) Pyridine	3.755	79	74002	38.457	ng	97
4) n-Nitrosodimethylamine	3.667	42	57112	38.600	ng	# 92
6) Aniline	7.186	93	99893	42.137	ng	99
8) 2-Chlorophenol	7.421	128	82473	40.725	ng	99
9) Benzaldehyde	6.998	77	62083m	42.382	ng	
10) Phenol	7.051	94	105105	41.296	ng	97
11) bis(2-Chloroethyl)ether	7.280	93	78078	39.629	ng	96
12) 1,3-Dichlorobenzene	7.750	146	87406	39.766	ng	96
13) 1,4-Dichlorobenzene	7.897	146	88255	39.848	ng	97
14) 1,2-Dichlorobenzene	8.208	146	87126	39.686	ng	95
15) Benzyl Alcohol	8.091	79	95323	42.670	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	180997	41.150	ng	99
17) 2-Methylphenol	8.296	107	78037	42.610	ng	96
18) Hexachloroethane	8.937	117	35461	41.001	ng	# 82
19) n-Nitroso-di-n-propyla...	8.661	70	81862	42.573	ng	95
20) 3+4-Methylphenols	8.620	107	106302	41.150	ng	95
22) Acetophenone	8.672	105	157059	41.196	ng	# 98
24) Nitrobenzene	9.048	77	114814	41.258	ng	96
25) Isophorone	9.571	82	209428	40.894	ng	98
26) 2-Nitrophenol	9.759	139	49653	42.612	ng	93
27) 2,4-Dimethylphenol	9.818	122	66020	41.648	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	121854	41.208	ng	97
29) 2,4-Dichlorophenol	10.294	162	86989	41.714	ng	94
30) 1,2,4-Trichlorobenzene	10.511	180	92336	40.159	ng	95
31) Naphthalene	10.694	128	306681	40.346	ng	98
32) Benzoic acid	9.965	122	72920m	44.304	ng	
33) 4-Chloroaniline	10.799	127	117662	42.781	ng	97
34) Hexachlorobutadiene	10.987	225	65670	40.906	ng	95
35) Caprolactam	11.569	113	31553	39.912	ng	96
36) 4-Chloro-3-methylphenol	11.927	107	117214	41.961	ng	97
37) 2-Methylnaphthalene	12.303	142	224495	40.599	ng	95
38) 1-Methylnaphthalene	12.527	142	223207	40.753	ng	98
40) 1,2,4,5-Tetrachloroben...	12.674	216	118849	38.995	ng	98
41) Hexachlorocyclopentadiene	12.662	237	44333	40.461	ng	98
43) 2,4,6-Trichlorophenol	12.915	196	79466	40.844	ng	96

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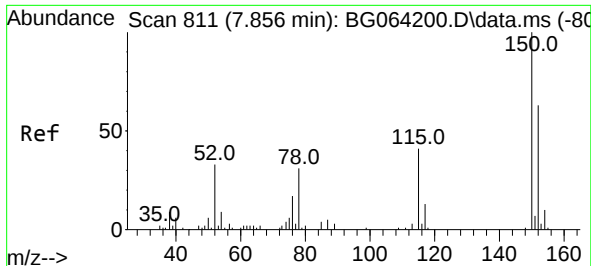
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	87152	39.963	ng	99
46) 1,1'-Biphenyl	13.320	154	318518	39.840	ng	98
47) 2-Chloronaphthalene	13.355	162	223429	38.781	ng	97
48) 2-Nitroaniline	13.555	65	88553	41.963	ng	96
49) Acenaphthylene	14.207	152	353625	39.085	ng	99
50) Dimethylphthalate	13.943	163	307867	39.024	ng	99
51) 2,6-Dinitrotoluene	14.054	165	66930	41.522	ng	# 85
52) Acenaphthene	14.548	154	236837	39.302	ng	95
53) 3-Nitroaniline	14.383	138	66918	42.424	ng	94
54) 2,4-Dinitrophenol	14.589	184	38293	39.440	ng	92
55) Dibenzofuran	14.883	168	390102	40.095	ng	99
56) 4-Nitrophenol	14.689	139	55331	43.273	ng	91
57) 2,4-Dinitrotoluene	14.842	165	96397	42.090	ng	94
58) Fluorene	15.529	166	308738	40.013	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.106	232	89385	42.362	ng	# 98
60) Diethylphthalate	15.306	149	336912	39.996	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	151348	39.131	ng	95
62) 4-Nitroaniline	15.547	138	69409	43.234	ng	91
63) Azobenzene	15.817	77	333357	40.356	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	58663	44.654	ng	98
66) n-Nitrosodiphenylamine	15.741	169	263039	40.246	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	101756	40.559	ng	97
68) Hexachlorobenzene	16.534	284	106098	39.081	ng	99
69) Atrazine	16.687	200	55387	28.121	ng	98
70) Pentachlorophenol	16.875	266	76062	44.765	ng	97
71) Phenanthrene	17.268	178	478557	39.627	ng	99
72) Anthracene	17.356	178	477150	39.702	ng	99
73) Carbazole	17.621	167	437209	39.819	ng	97
74) Di-n-butylphthalate	18.197	149	546946	39.722	ng	98
75) Fluoranthene	19.278	202	576157	39.845	ng	98
77) Benzidine	19.460	184	140771	47.729	ng	99
78) Pyrene	19.636	202	590285	41.046	ng	99
80) Butylbenzylphthalate	20.535	149	252612	43.200	ng	94
81) Benzo(a)anthracene	21.434	228	597058	41.254	ng	98
82) 3,3'-Dichlorobenzidine	21.358	252	207101	42.444	ng	100
83) Chrysene	21.499	228	581941	40.990	ng	100
84) Bis(2-ethylhexyl)phtha...	21.369	149	365203	41.813	ng	100
85) Di-n-octyl phthalate	22.509	149	635978	41.990	ng	100
87) Indeno(1,2,3-cd)pyrene	27.862	276	691003	40.676	ng	# 98
88) Benzo(b)fluoranthene	23.520	252	606840	40.155	ng	98
89) Benzo(k)fluoranthene	23.584	252	596749	40.396	ng	97
90) Benzo(a)pyrene	24.325	252	541936	41.061	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	565921	40.418	ng	# 95
92) Benzo(g,h,i)perylene	28.919	276	586024	41.354	ng	98

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

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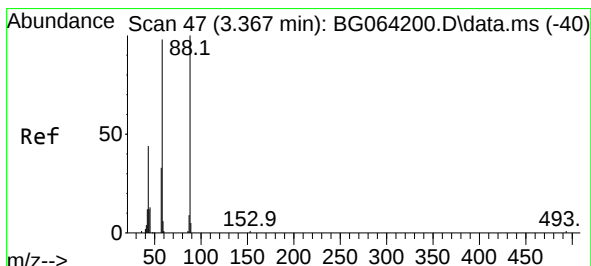
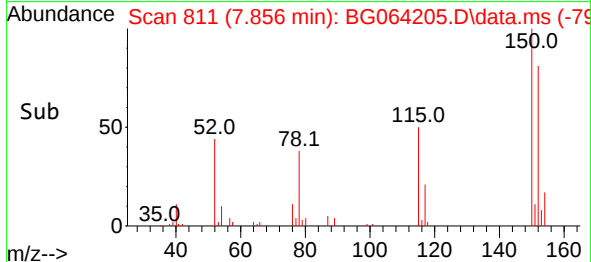
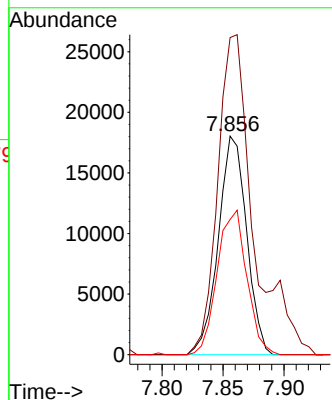
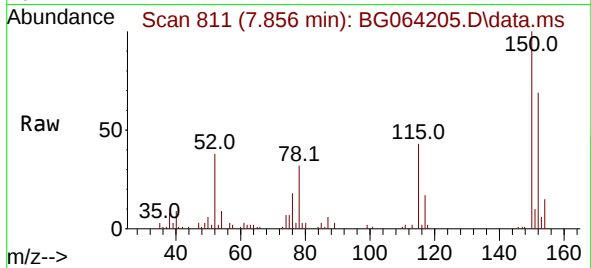




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.856 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

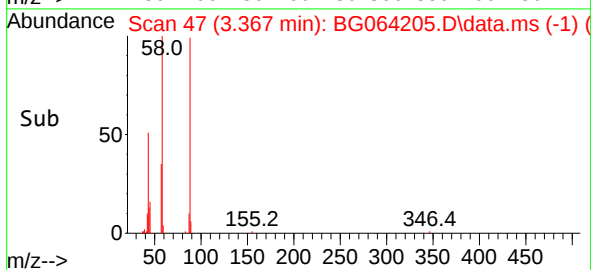
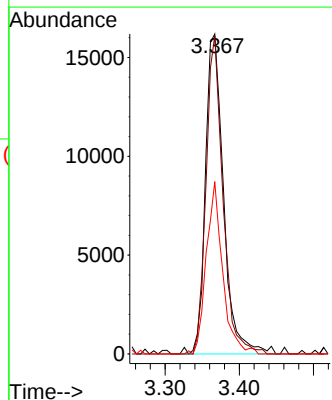
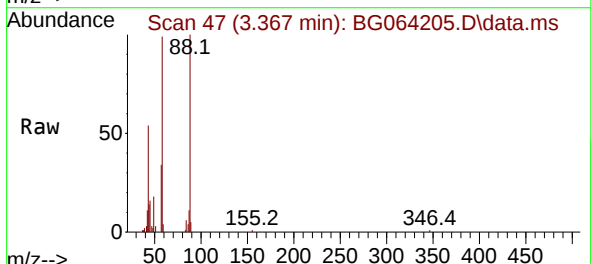
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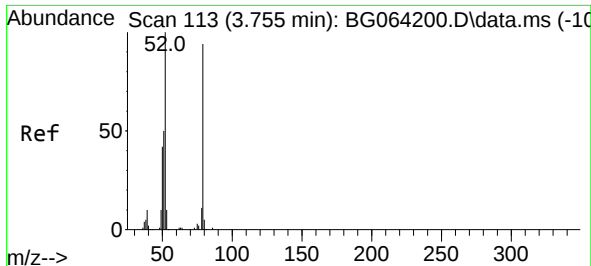
Tgt Ion:152 Resp: 29166
 Ion Ratio Lower Upper
 152 100
 150 145.2 127.8 191.6
 115 61.9 52.8 79.2



#2
 1,4-Dioxane
 Concen: 38.388 ng
 RT: 3.367 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

Tgt Ion: 88 Resp: 27592
 Ion Ratio Lower Upper
 88 100
 58 92.5 71.5 107.3
 43 48.7 36.0 54.0

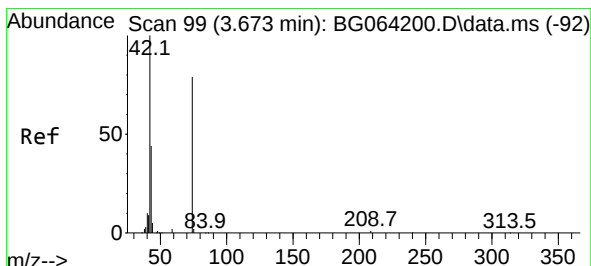
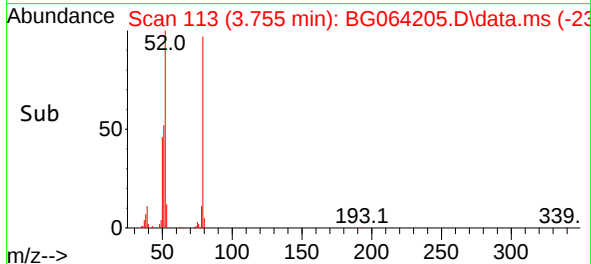
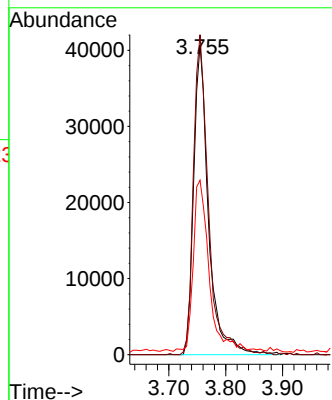
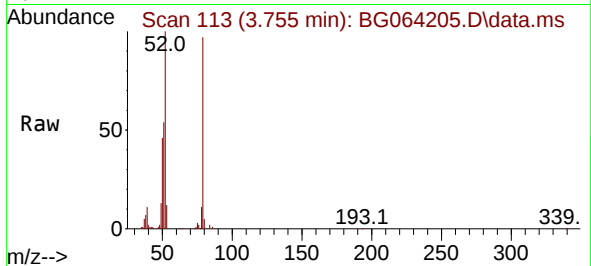




#3
Pyridine
Concen: 38.457 ng
RT: 3.755 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

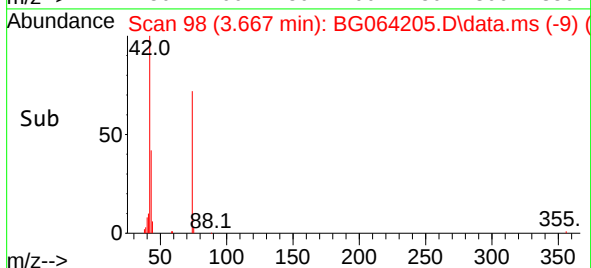
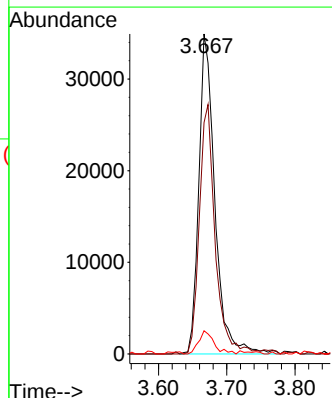
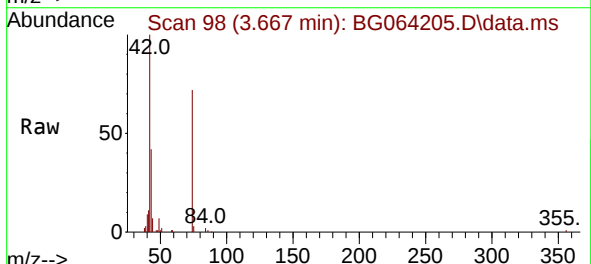
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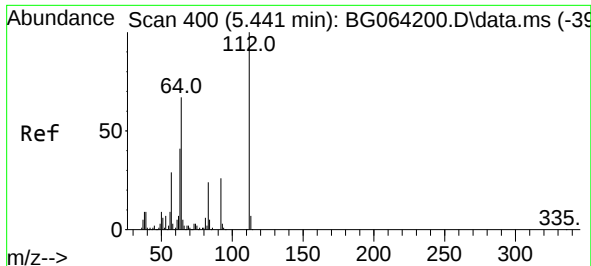
Tgt Ion: 79 Resp: 74002
Ion Ratio Lower Upper
79 100
52 103.3 85.0 127.6
51 56.3 43.7 65.5



#4
n-Nitrosodimethylamine
Concen: 38.600 ng
RT: 3.667 min Scan# 98
Delta R.T. -0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 42 Resp: 57112
Ion Ratio Lower Upper
42 100
74 72.3 63.4 95.2
44 7.2 4.2 6.2

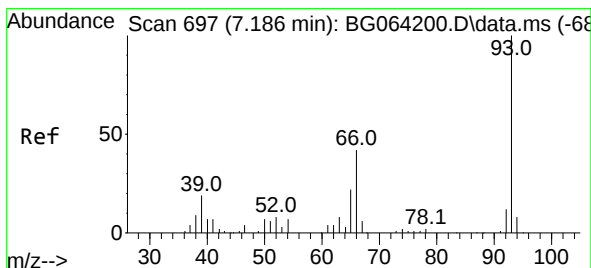
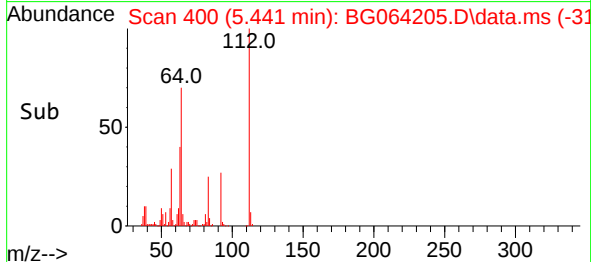
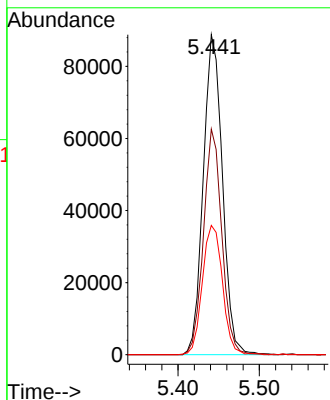
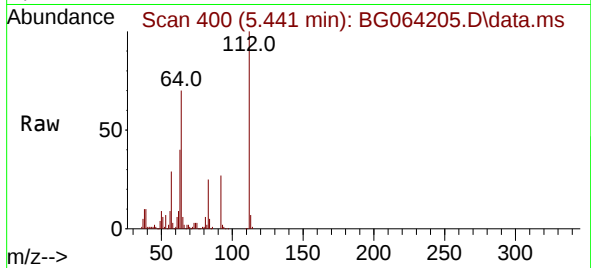




#5
2-Fluorophenol
Concen: 80.268 ng
RT: 5.441 min Scan# 400
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

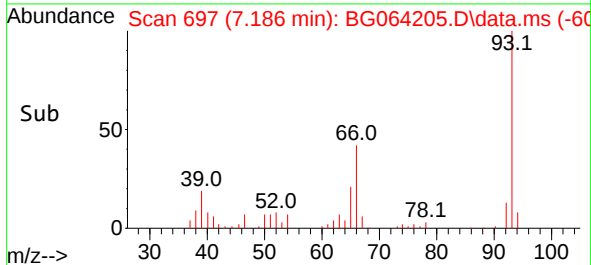
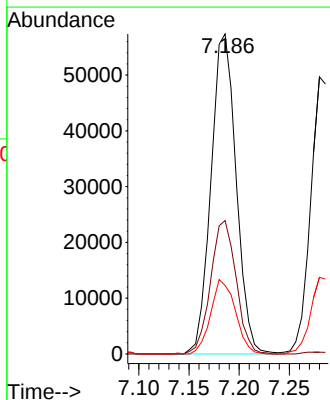
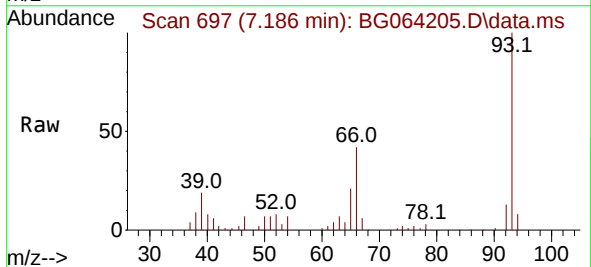
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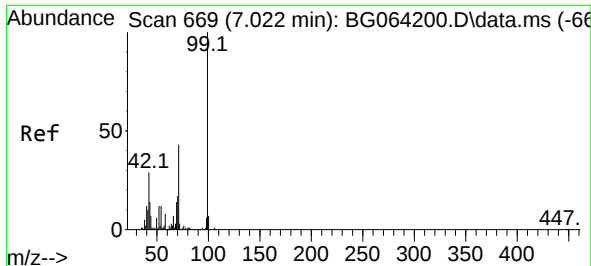
Tgt Ion:112 Resp: 145563
Ion Ratio Lower Upper
112 100
64 70.5 53.5 80.3
63 40.4 33.0 49.4



#6
Aniline
Concen: 42.137 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 93 Resp: 99893
Ion Ratio Lower Upper
93 100
66 41.7 33.8 50.6
65 21.4 17.5 26.3

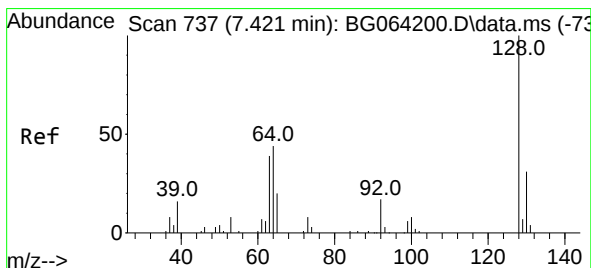
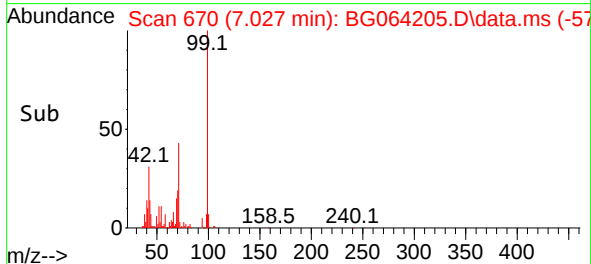
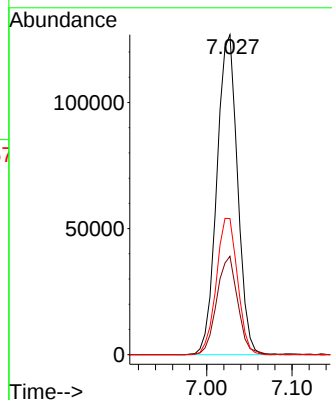
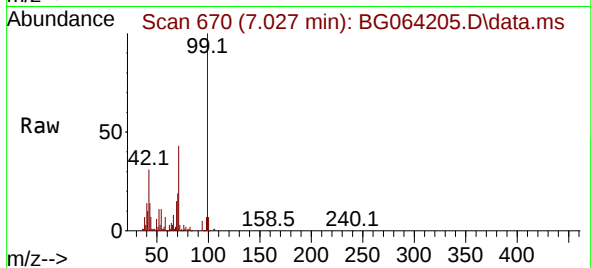




#7
Phenol-d6
Concen: 83.283 ng
RT: 7.027 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

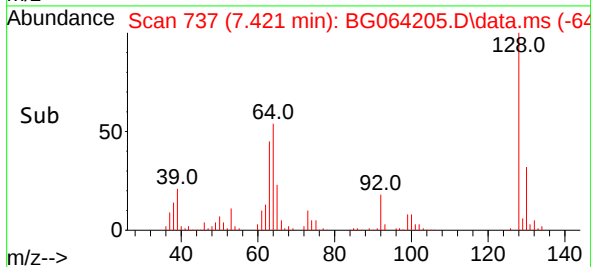
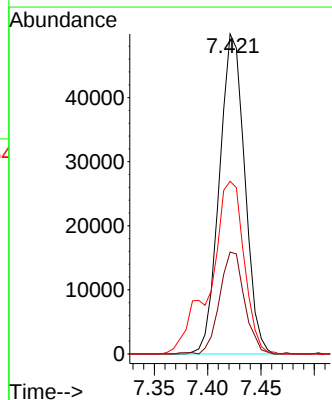
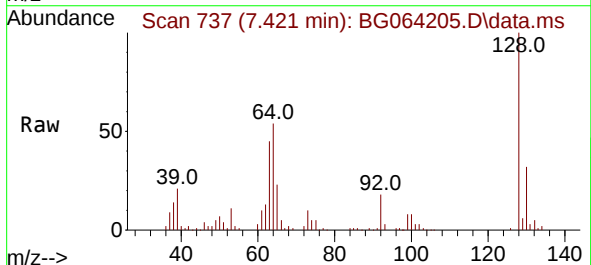
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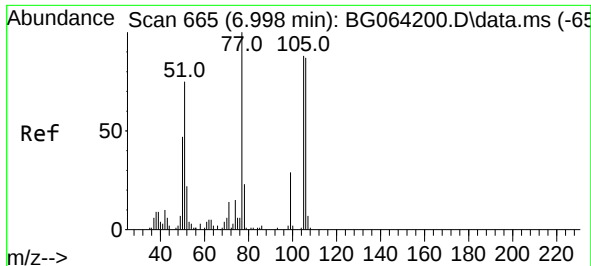
Tgt Ion: 99 Resp: 213854
Ion Ratio Lower Upper
99 100
42 30.8 22.9 34.3
71 42.6 34.4 51.6



#8
2-Chlorophenol
Concen: 40.725 ng
RT: 7.421 min Scan# 737
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 128 Resp: 82473
Ion Ratio Lower Upper
128 100
130 31.9 11.4 51.4
64 54.0 33.1 73.1

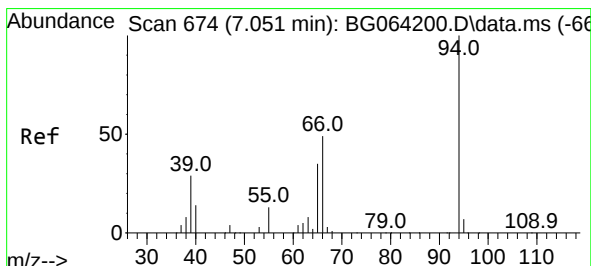
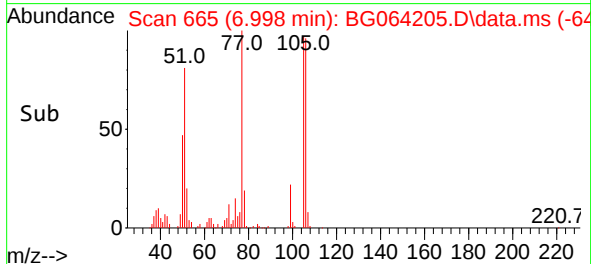
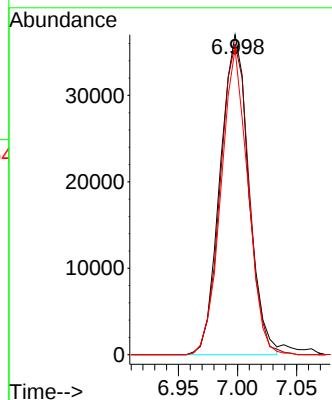
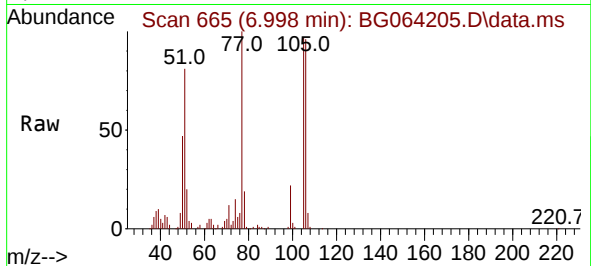




#9
Benzaldehyde
Concen: 42.382 ng m
RT: 6.998 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

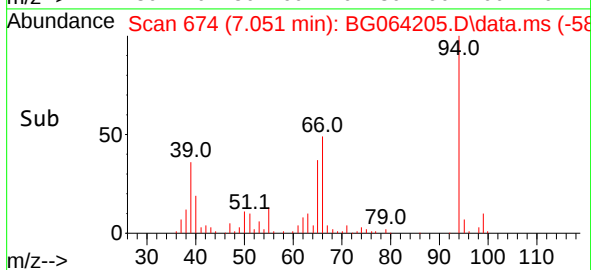
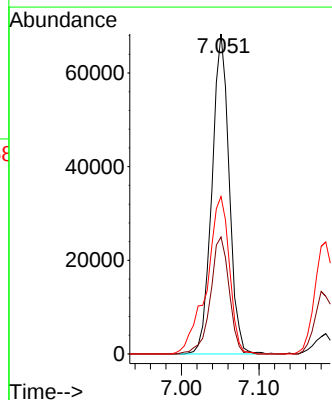
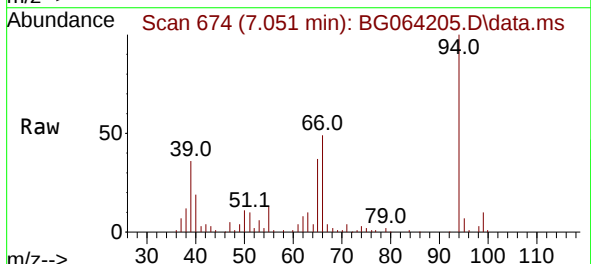
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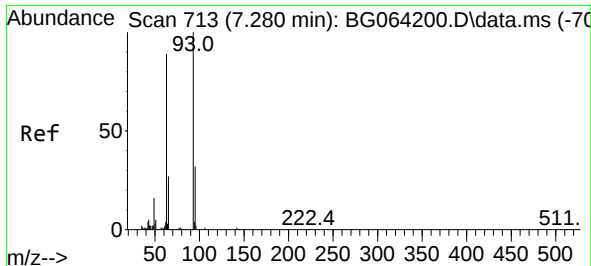
Tgt Ion: 77 Resp: 62083
Ion Ratio Lower Upper
77 100
105 97.1 68.1 108.1
106 95.6 66.6 106.6



#10
Phenol
Concen: 41.296 ng
RT: 7.051 min Scan# 674
Delta R.T. -0.000 min
Lab File: BG064205.D
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Tgt Ion: 94 Resp: 105105
Ion Ratio Lower Upper
94 100
65 36.5 15.5 55.5
66 49.2 31.8 71.8

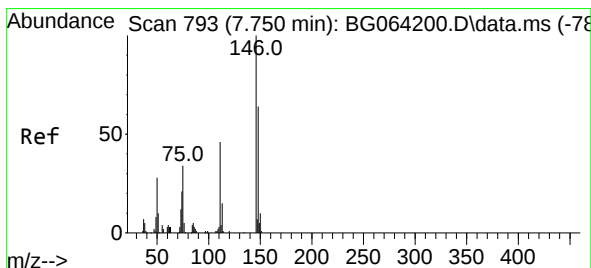
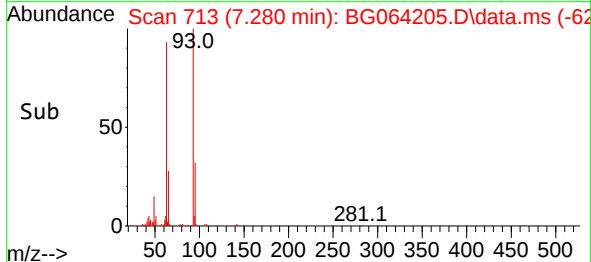
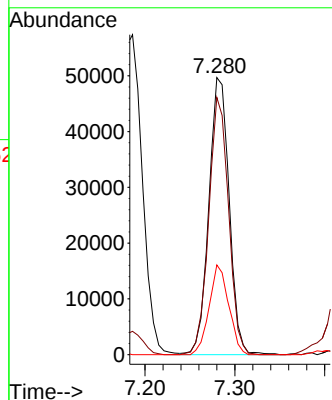
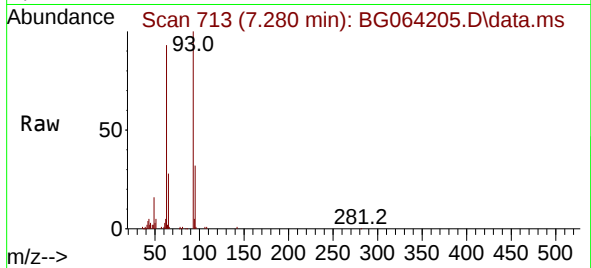




#11
bis(2-Chloroethyl)ether
Concen: 39.629 ng
RT: 7.280 min Scan# 713
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

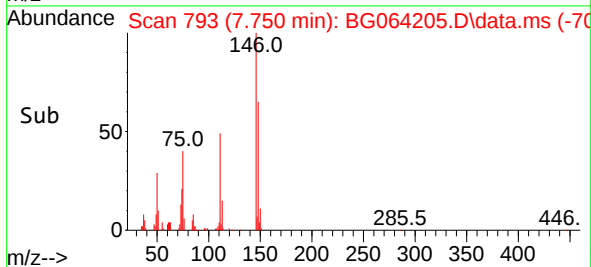
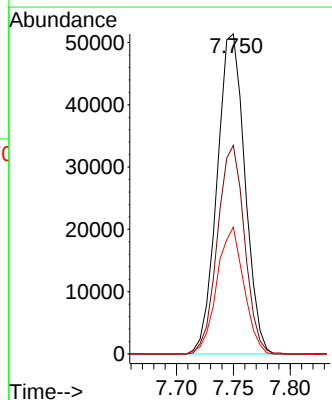
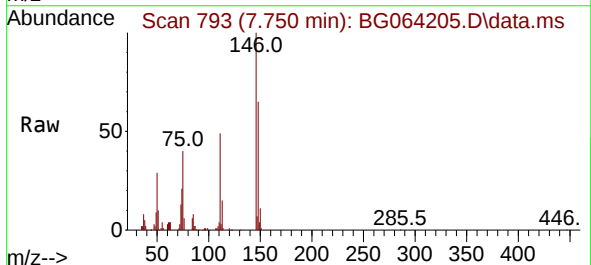
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

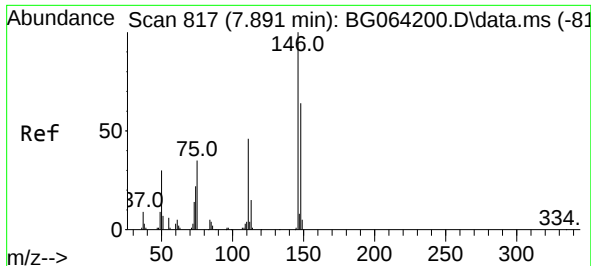
Tgt Ion: 93 Resp: 78078
Ion Ratio Lower Upper
93 100
63 92.9 67.9 107.9
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.766 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:146 Resp: 87406
Ion Ratio Lower Upper
146 100
148 65.2 51.2 76.8
75 39.6 27.4 41.2

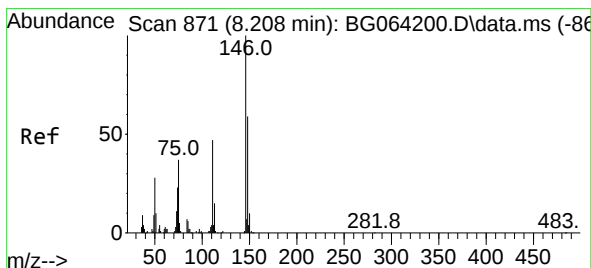
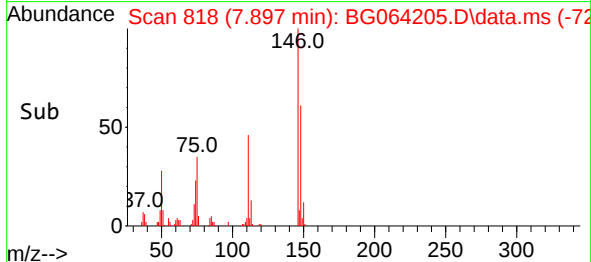
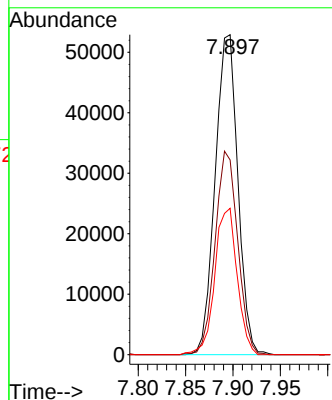
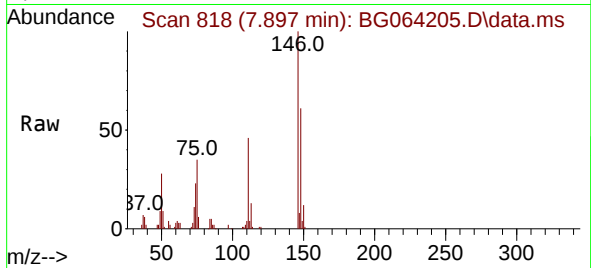




#13
1,4-Dichlorobenzene
Concen: 39.848 ng
RT: 7.897 min Scan# 817
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

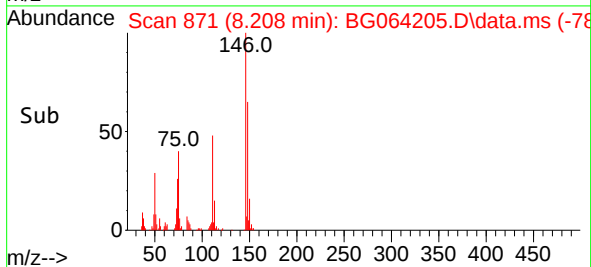
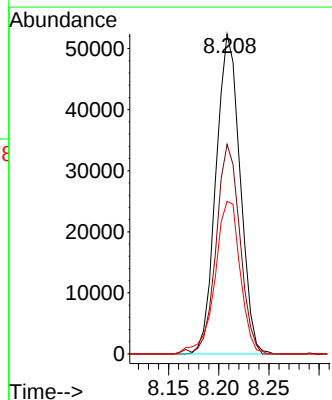
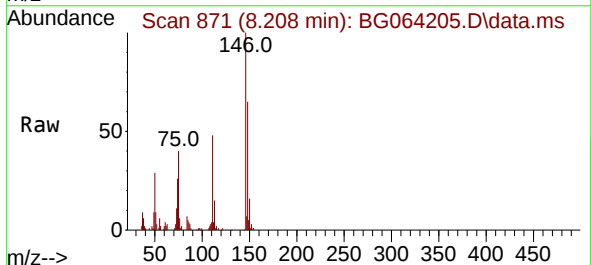
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

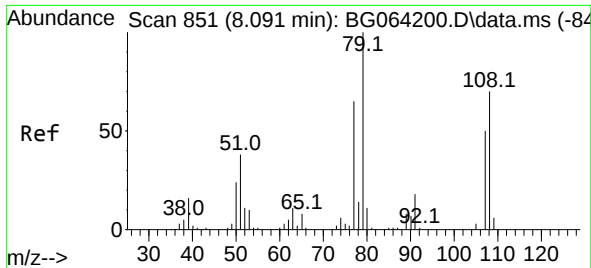
Tgt Ion:146 Resp: 88255
Ion Ratio Lower Upper
146 100
148 60.9 51.4 77.0
111 45.7 36.8 55.2



#14
1,2-Dichlorobenzene
Concen: 39.686 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:146 Resp: 87126
Ion Ratio Lower Upper
146 100
148 65.5 47.2 70.8
111 47.7 37.8 56.6

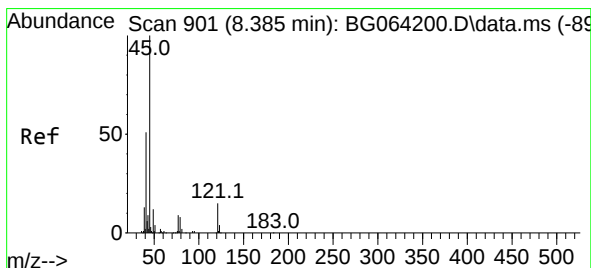
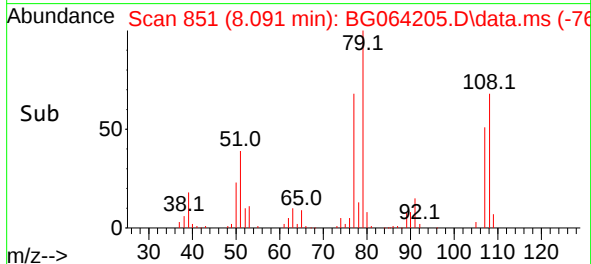
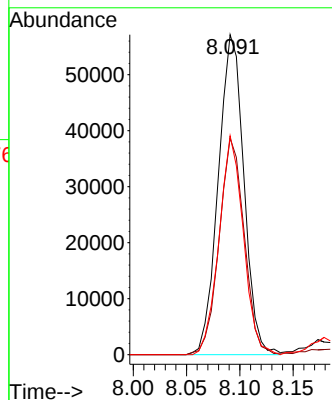
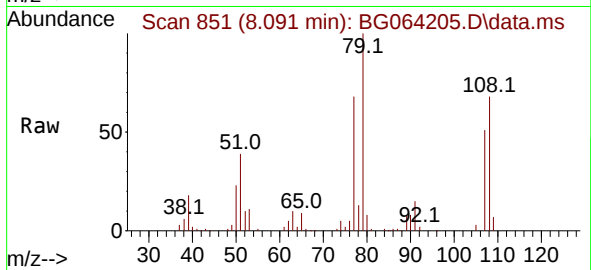




#15
Benzyl Alcohol
Concen: 42.670 ng
RT: 8.091 min Scan# 851
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

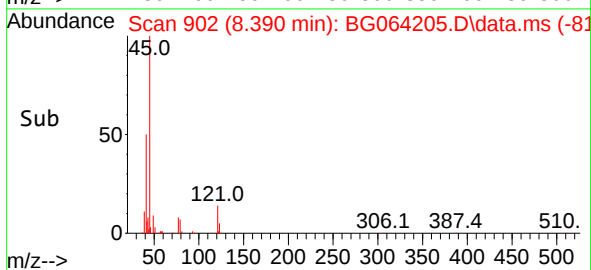
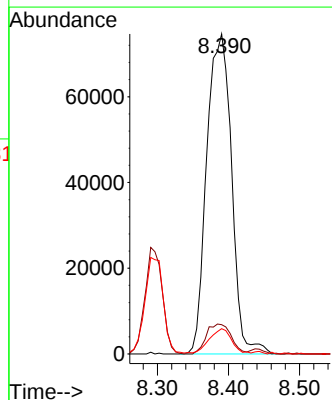
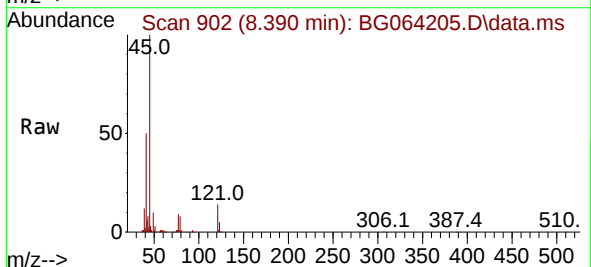
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

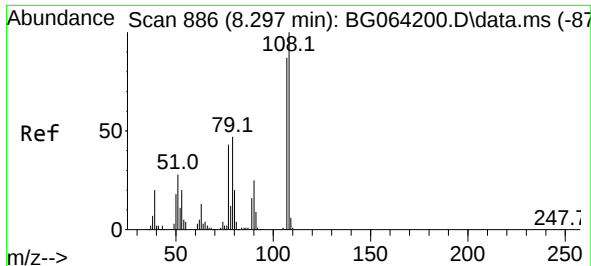
Tgt Ion: 79 Resp: 95323
Ion Ratio Lower Upper
79 100
108 67.7 56.2 84.4
77 68.4 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.150 ng
RT: 8.390 min Scan# 902
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 45 Resp: 180997
Ion Ratio Lower Upper
45 100
77 9.2 0.0 29.3
79 7.9 0.0 28.5





#17

2-Methylphenol

Concen: 42.610 ng

RT: 8.296 min Scan# 886

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

Tgt Ion:107 Resp: 78037

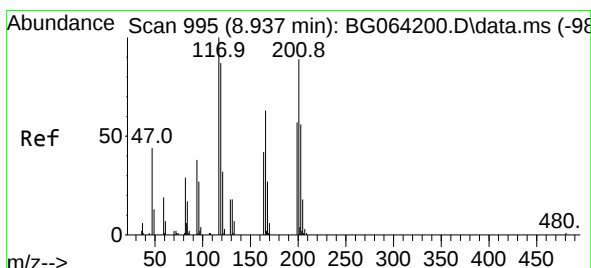
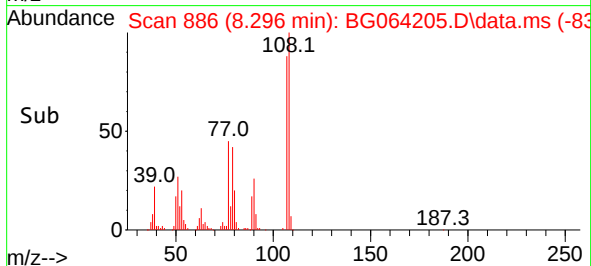
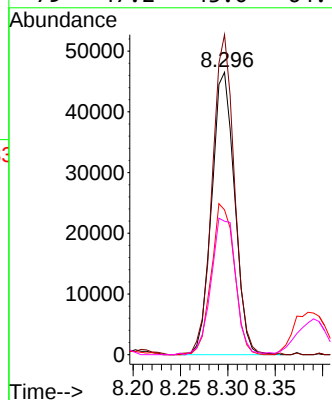
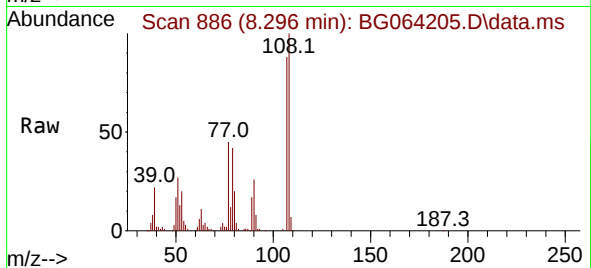
Ion Ratio Lower Upper

107 100

108 113.3 92.1 138.1

77 51.3 39.8 59.8

79 47.2 43.0 64.4



#18

Hexachloroethane

Concen: 41.001 ng

RT: 8.937 min Scan# 995

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

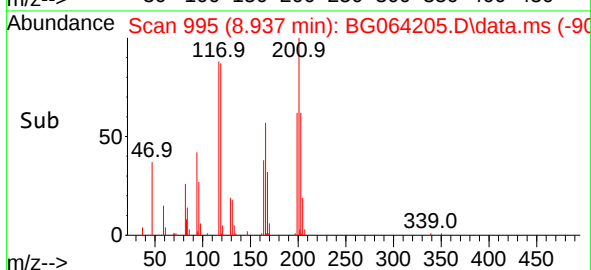
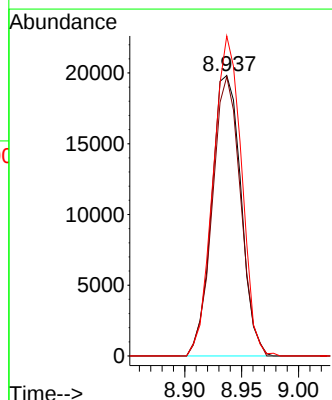
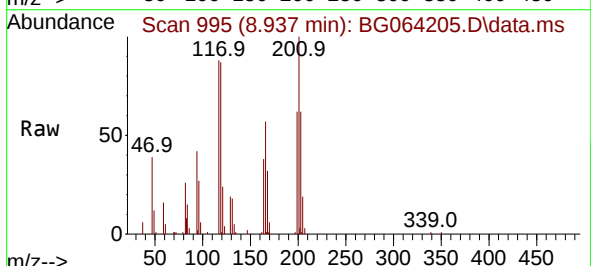
Tgt Ion:117 Resp: 35461

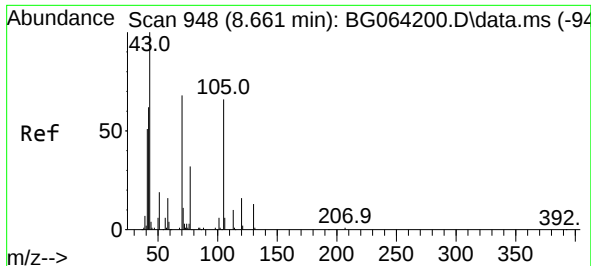
Ion Ratio Lower Upper

117 100

119 99.6 69.6 104.4

201 114.1 74.6 111.8#



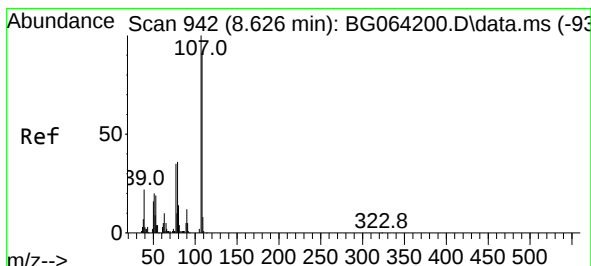
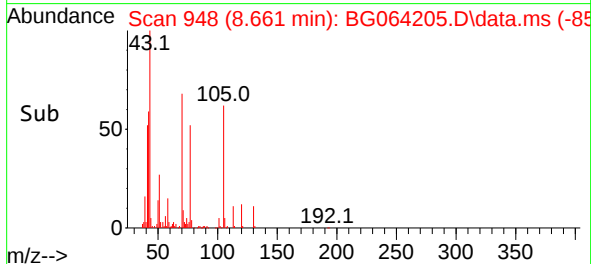
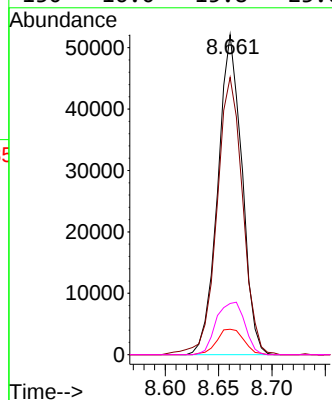
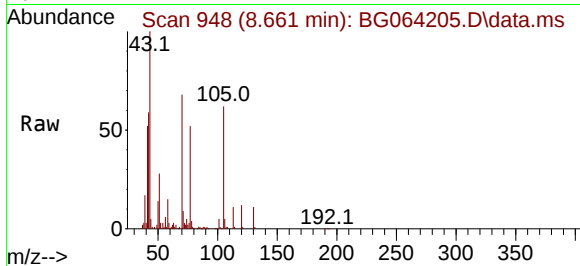


#19
n-Nitroso-di-n-propylamine
Concen: 42.573 ng
RT: 8.661 min Scan# 941
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Instrument :
BNA_G
ClientSampleId :
ICVBG040725

Tgt Ion: 70 Resp: 81862

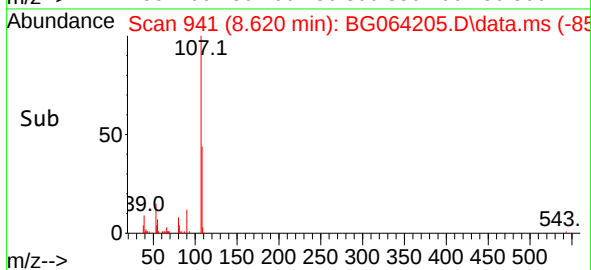
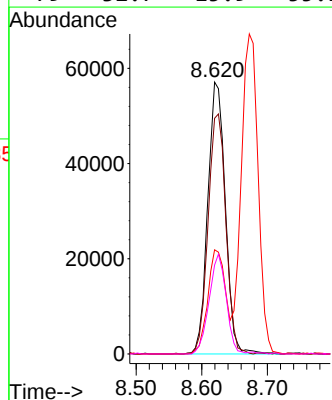
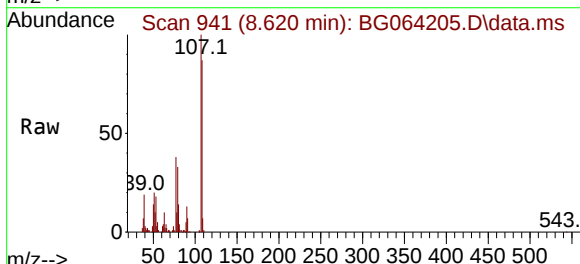
Ion	Ratio	Lower	Upper
70	100		
42	86.7	73.0	109.4
101	7.9	7.4	11.0
130	16.0	15.8	23.6

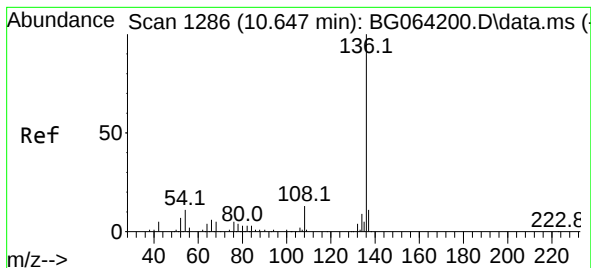


#20
3+4-Methylphenols
Concen: 41.150 ng
RT: 8.620 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 107 Resp: 106302

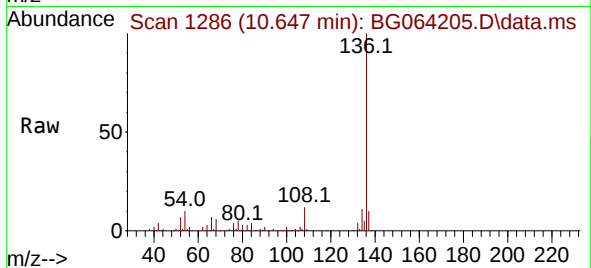
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.3	111.3
77	38.3	15.5	55.5
79	32.7	15.9	55.9



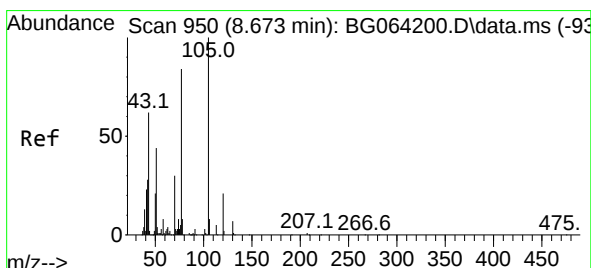
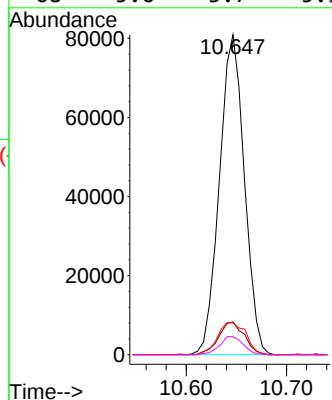
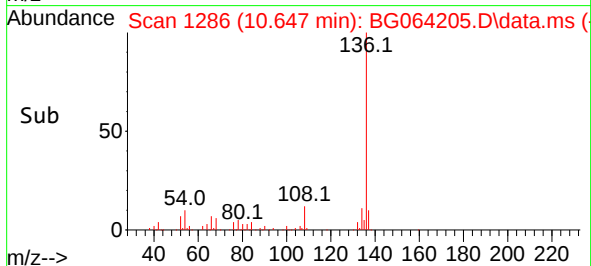


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Instrument :
BNA_G
ClientSampleId :
ICVBG040725

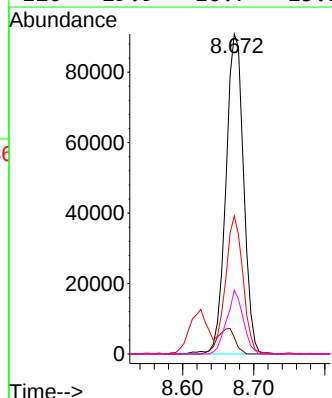
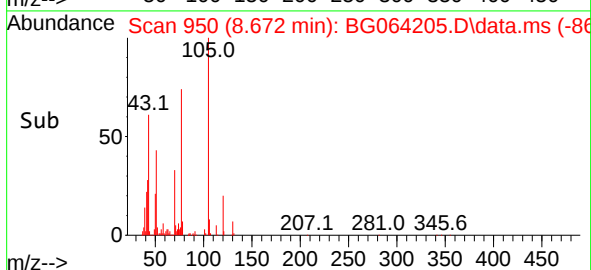
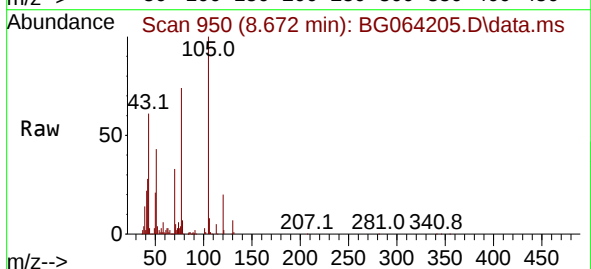


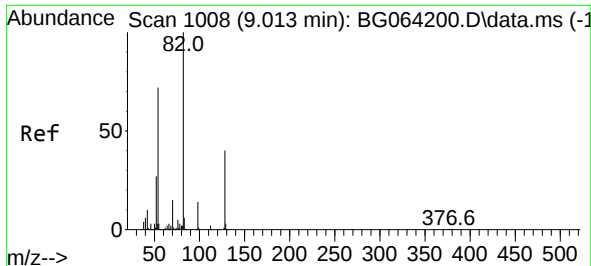
Tgt Ion:136 Resp: 139416
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 10.0 8.7 13.1
68 5.6 3.7 5.5#



#22
Acetophenone
Concen: 41.196 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:105 Resp: 157059
Ion Ratio Lower Upper
105 100
71 5.2 2.8 4.2#
51 43.1 35.7 53.5
120 19.9 16.7 25.1





#23

Nitrobenzene-d5

Concen: 83.640 ng

RT: 9.007 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

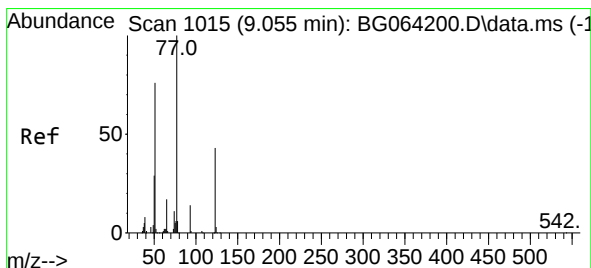
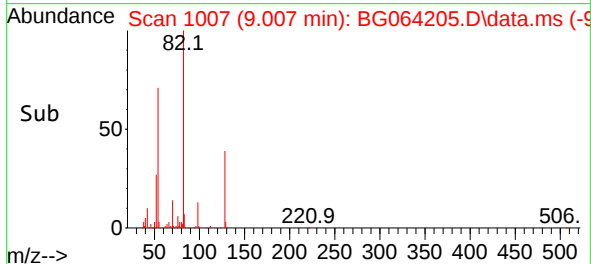
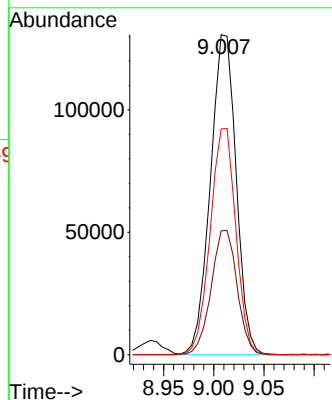
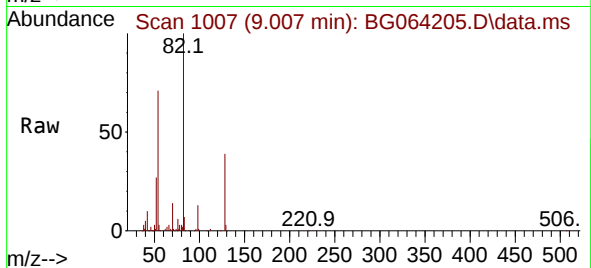
Tgt Ion: 82 Resp: 233661

Ion Ratio Lower Upper

82 100

128 38.7 31.9 47.9

54 70.6 57.3 85.9



#24

Nitrobenzene

Concen: 41.258 ng

RT: 9.048 min Scan# 1014

Delta R.T. -0.006 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

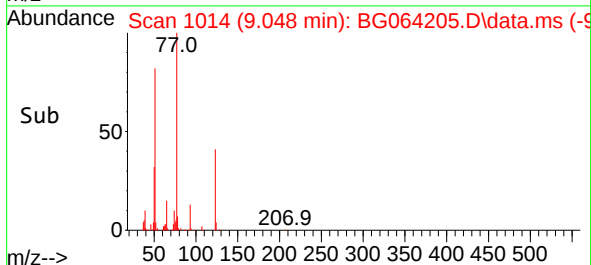
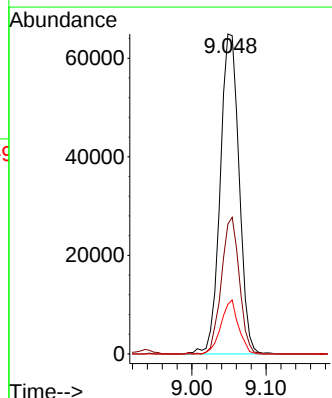
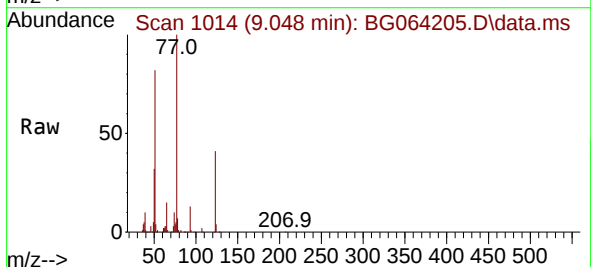
Tgt Ion: 77 Resp: 114814

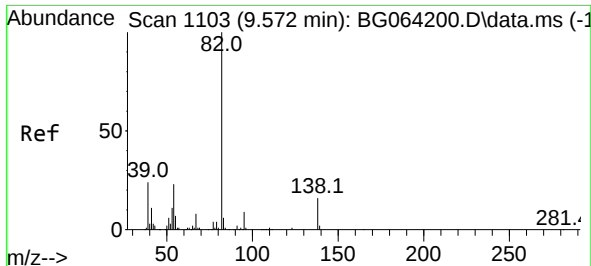
Ion Ratio Lower Upper

77 100

123 40.6 34.3 51.5

65 15.5 13.8 20.6

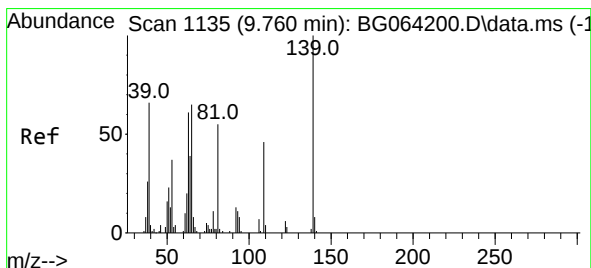
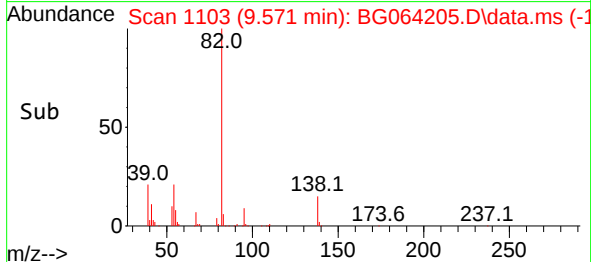
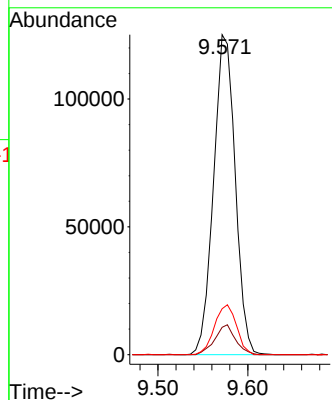
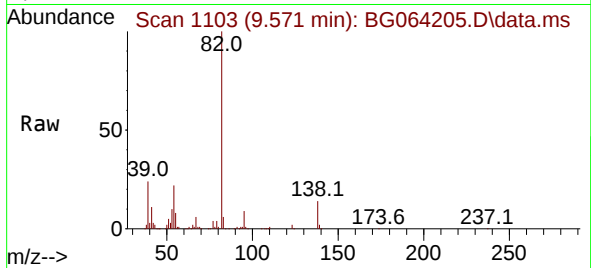




#25
Isophorone
Concen: 40.894 ng
RT: 9.571 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

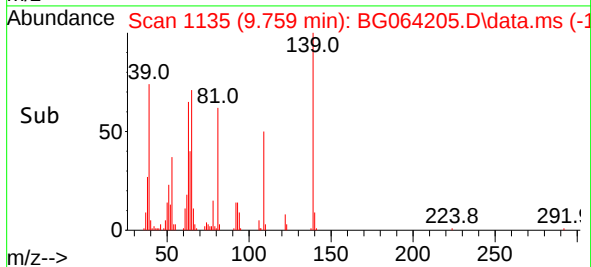
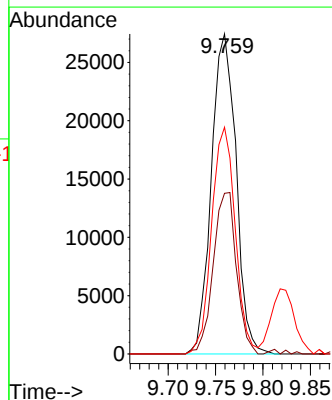
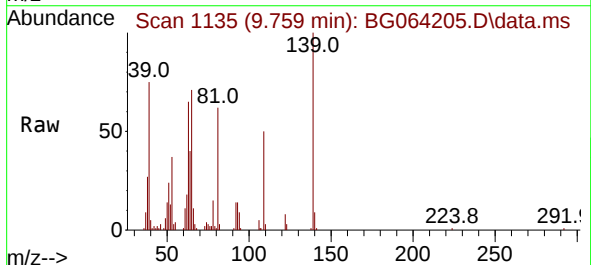
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

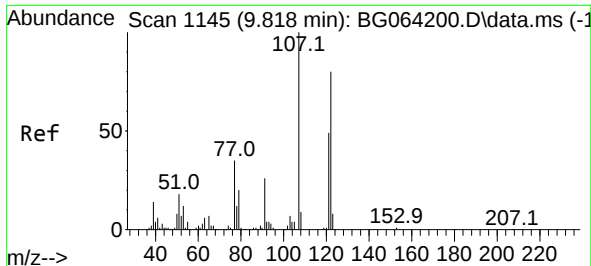
Tgt Ion: 82 Resp: 209428
Ion Ratio Lower Upper
82 100
95 8.5 7.0 10.4
138 14.4 12.4 18.6



#26
2-Nitrophenol
Concen: 42.612 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 139 Resp: 49653
Ion Ratio Lower Upper
139 100
109 50.2 37.1 55.7
65 70.8 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 41.648 ng

RT: 9.818 min Scan# 1145

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

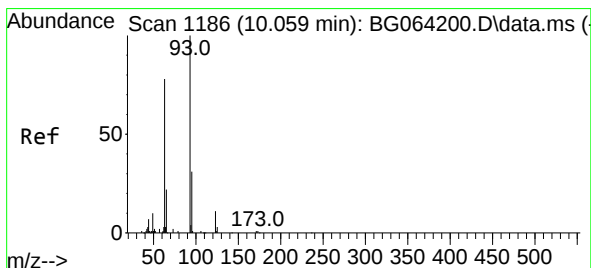
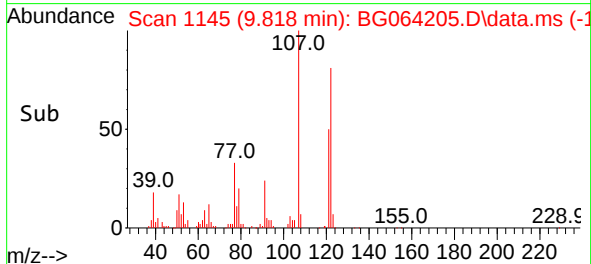
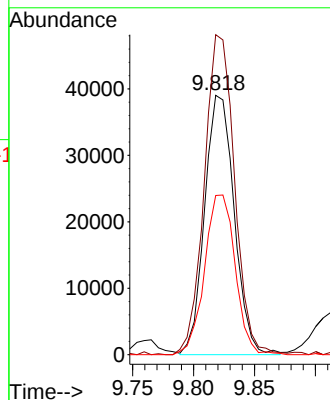
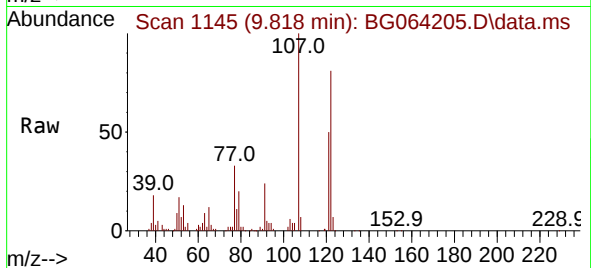
Tgt Ion:122 Resp: 66020

Ion Ratio Lower Upper

122 100

107 123.4 99.4 149.2

121 61.4 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.208 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

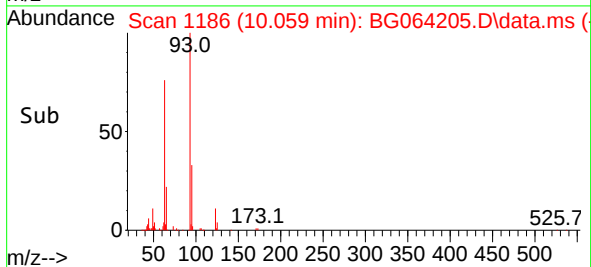
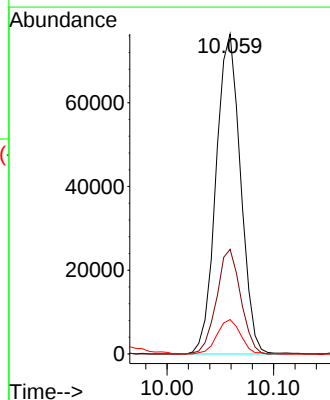
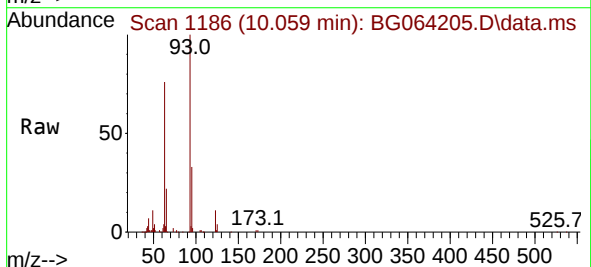
Tgt Ion: 93 Resp: 121854

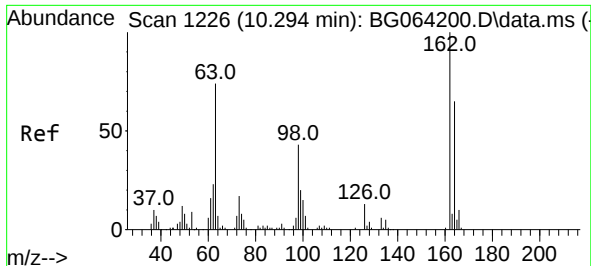
Ion Ratio Lower Upper

93 100

95 32.7 24.6 36.8

123 10.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 41.714 ng

RT: 10.294 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

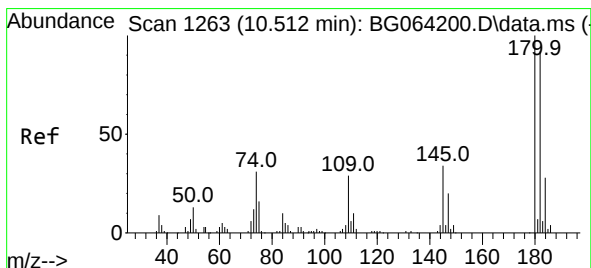
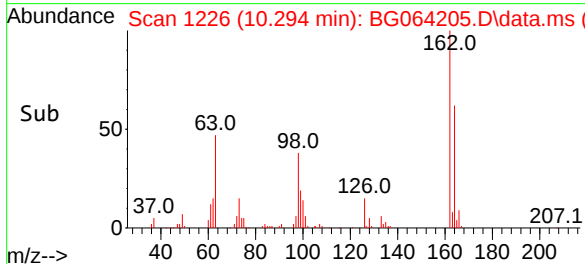
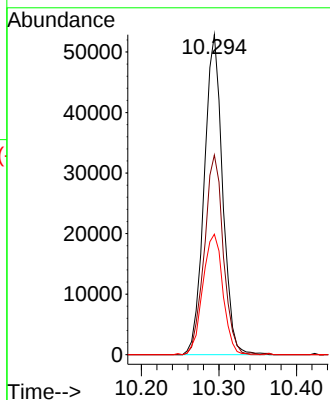
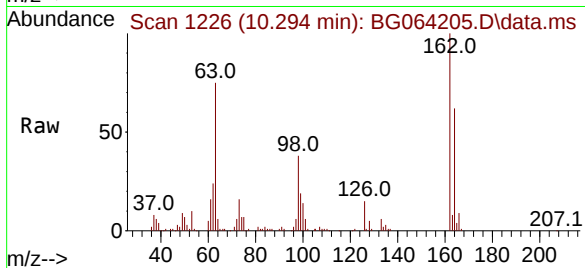
Tgt Ion:162 Resp: 86989

Ion Ratio Lower Upper

162 100

164 62.4 45.0 85.0

98 37.6 23.4 63.4



#30

1,2,4-Trichlorobenzene

Concen: 40.159 ng

RT: 10.511 min Scan# 1263

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

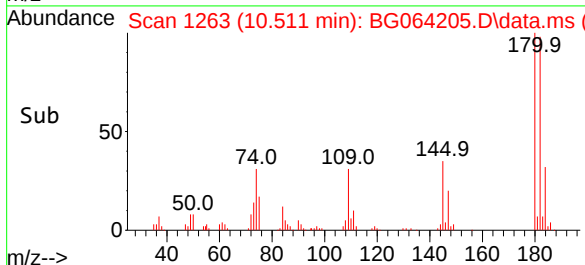
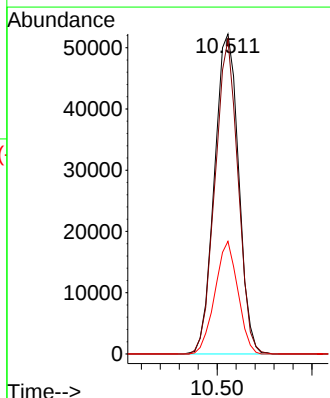
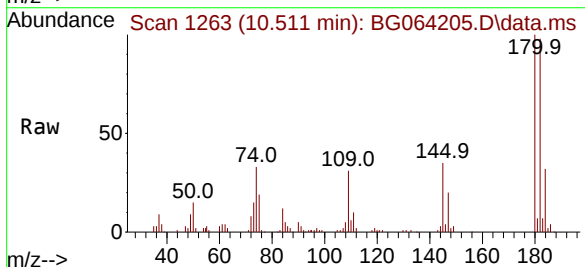
Tgt Ion:180 Resp: 92336

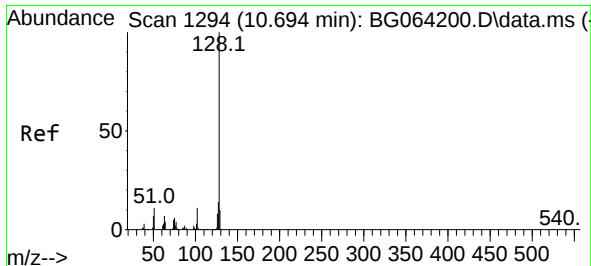
Ion Ratio Lower Upper

180 100

182 98.2 73.6 110.4

145 35.2 27.0 40.4

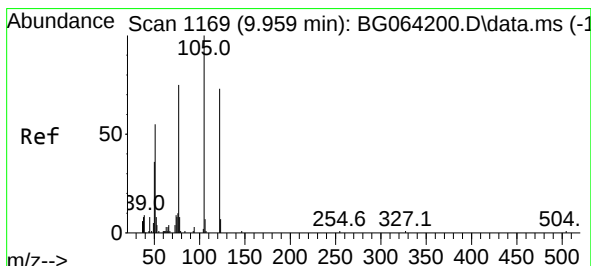
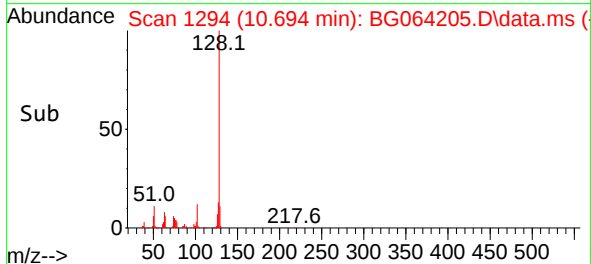
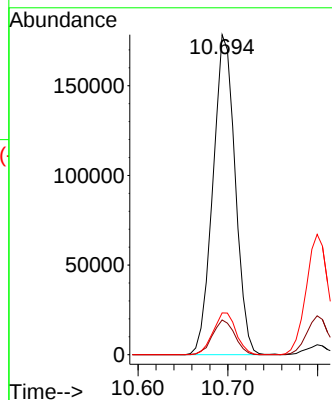
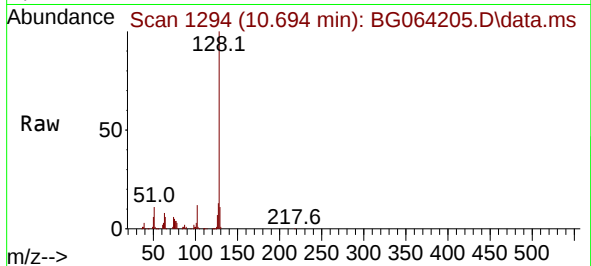




#31
Naphthalene
Concen: 40.346 ng
RT: 10.694 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

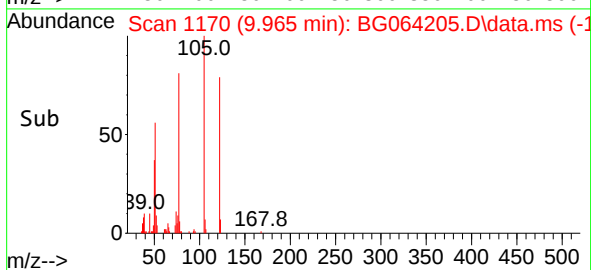
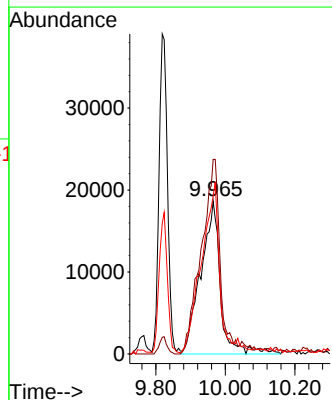
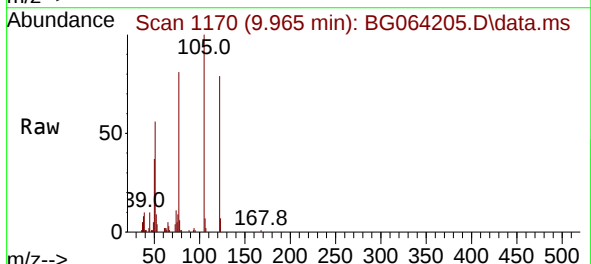
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

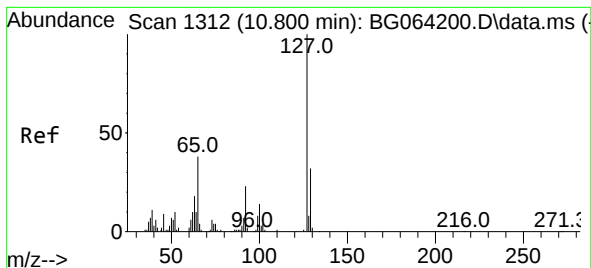
Tgt Ion:128 Resp: 306681
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.2
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 44.304 ng m
RT: 9.965 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:122 Resp: 72920
Ion Ratio Lower Upper
122 100
105 127.3 114.2 154.2
77 103.3 82.1 122.1

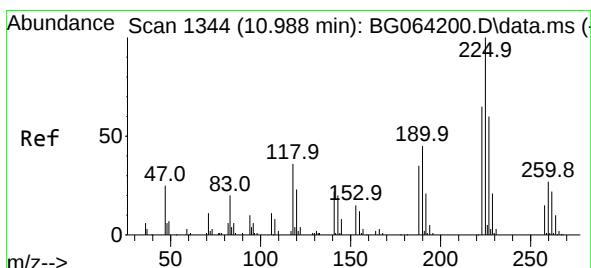
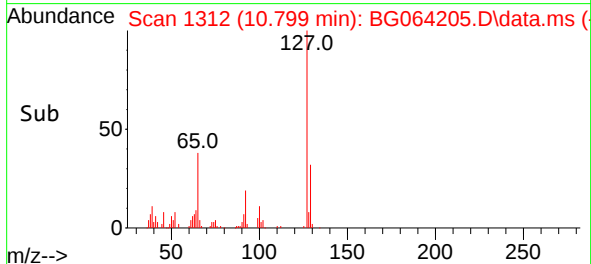
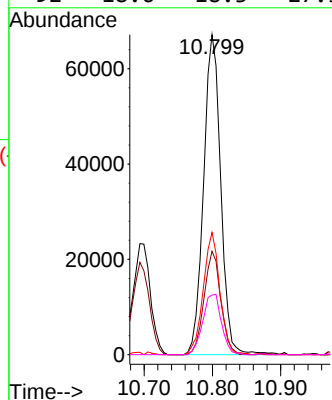
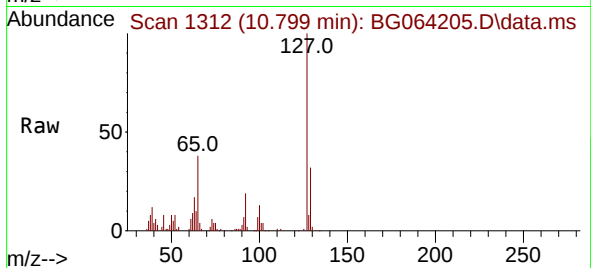




#33
4-Chloroaniline
Concen: 42.781 ng
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

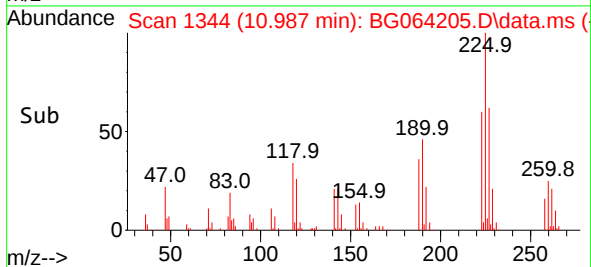
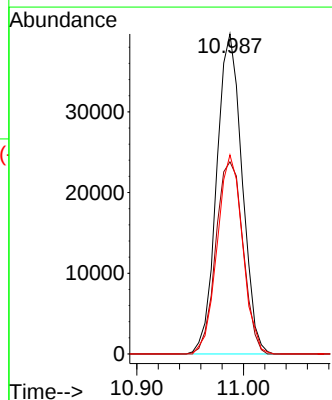
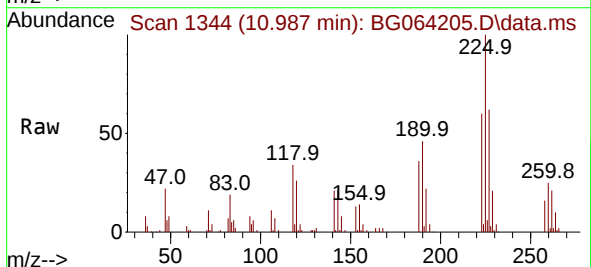
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

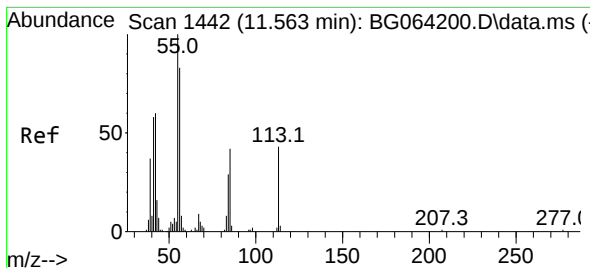
Tgt Ion:	127	Resp:	117662
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	38.2	30.0	45.0
92	18.6	18.3	27.5



#34
Hexachlorobutadiene
Concen: 40.906 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:	225	Resp:	65670
Ion	Ratio	Lower	Upper
225	100		
223	60.1	51.9	77.9
227	62.2	48.1	72.1

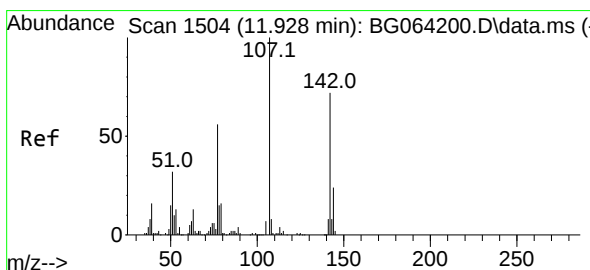
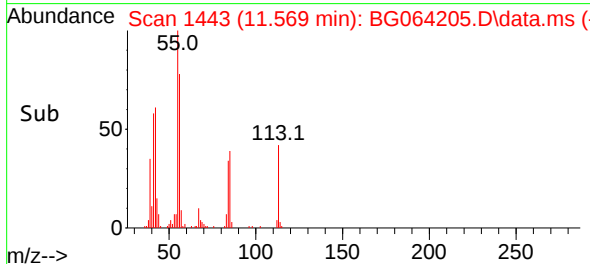
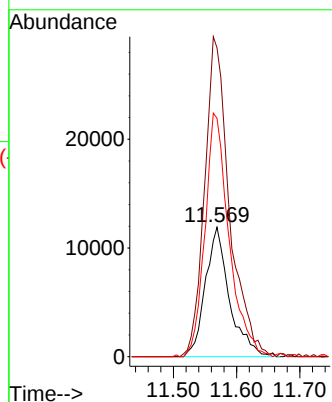
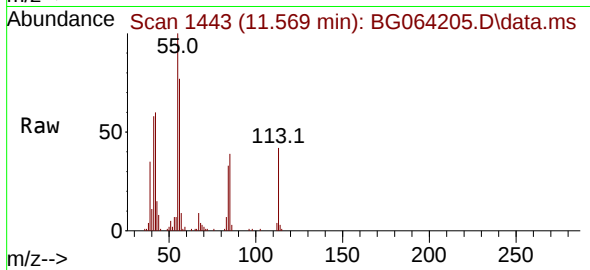




#35
 Caprolactam
 Concen: 39.912 ng
 RT: 11.569 min Scan# 1443
 Delta R.T. 0.006 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

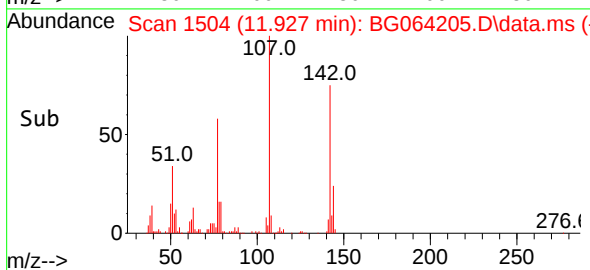
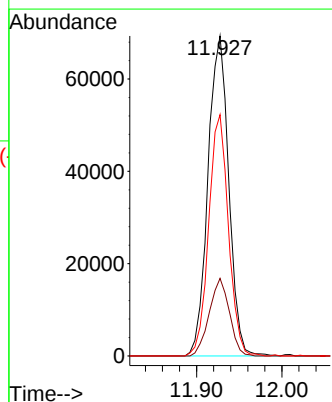
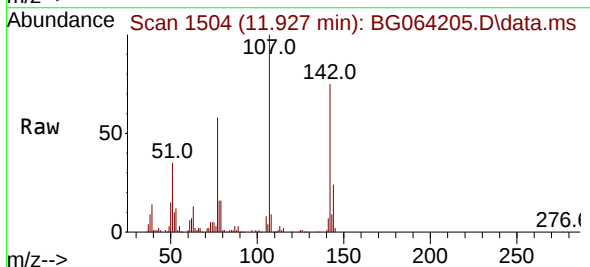
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG040725

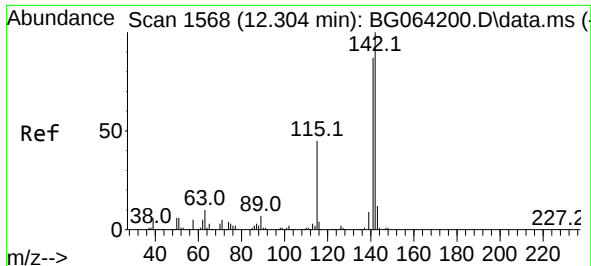
Tgt Ion:113 Resp: 31553
 Ion Ratio Lower Upper
 113 100
 55 238.5 212.9 252.9
 56 184.1 171.0 211.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.961 ng
 RT: 11.927 min Scan# 1504
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

Tgt Ion:107 Resp: 117214
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.1 28.7
 142 75.4 57.8 86.8

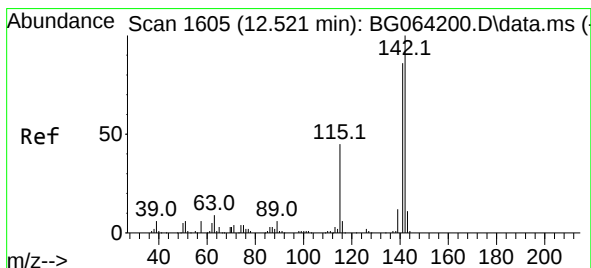
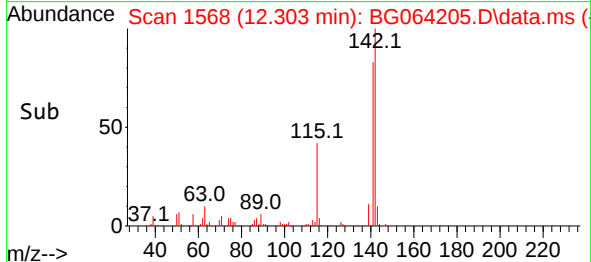
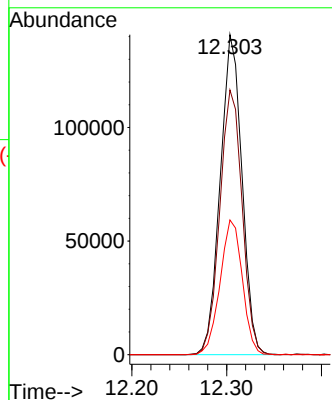
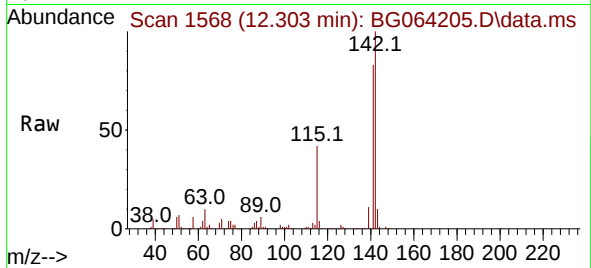




#37
2-Methylnaphthalene
Concen: 40.599 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

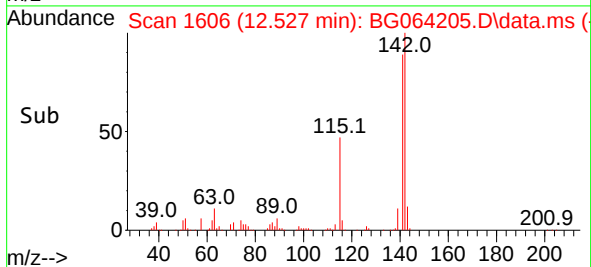
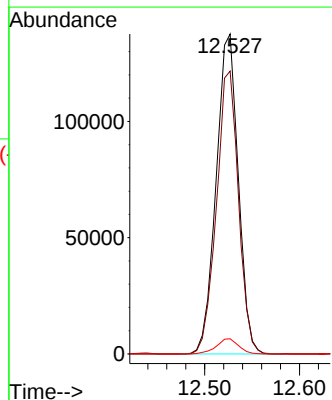
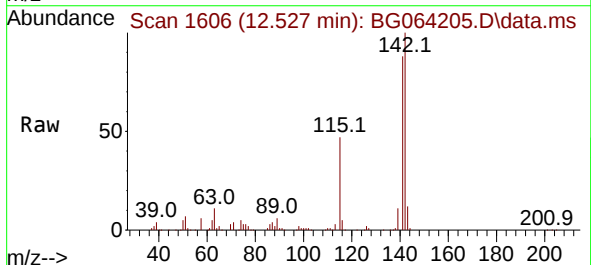
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

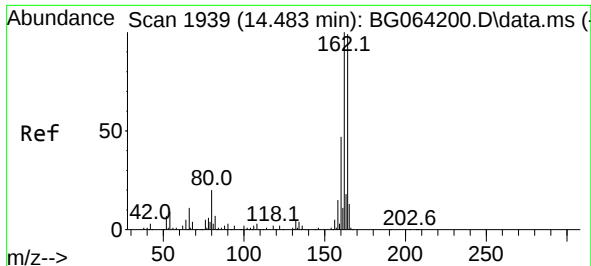
Tgt Ion:142 Resp: 224495
Ion Ratio Lower Upper
142 100
141 82.7 70.0 105.0
115 42.1 35.9 53.9



#38
1-Methylnaphthalene
Concen: 40.753 ng
RT: 12.527 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:142 Resp: 223207
Ion Ratio Lower Upper
142 100
141 88.4 69.1 103.7
116 4.8 4.6 6.8

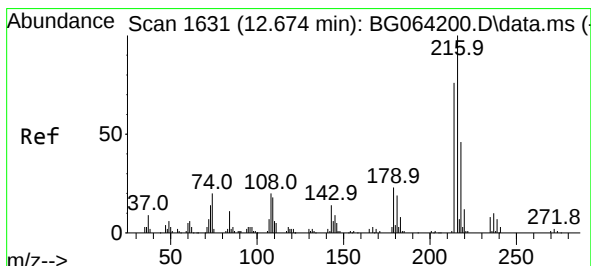
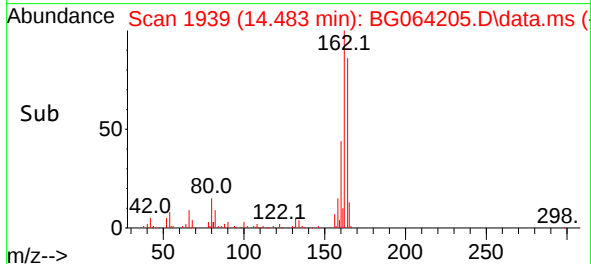
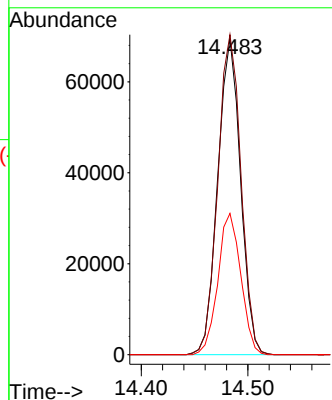
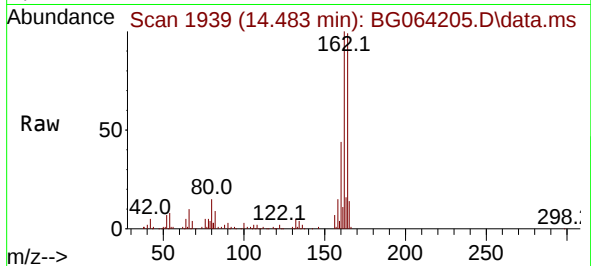




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

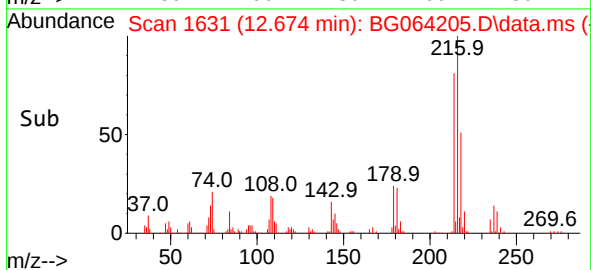
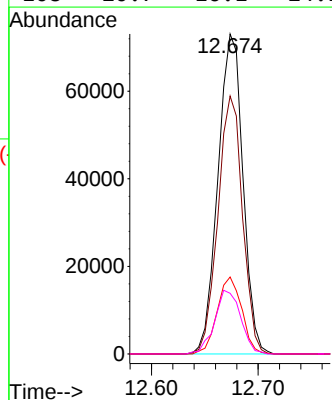
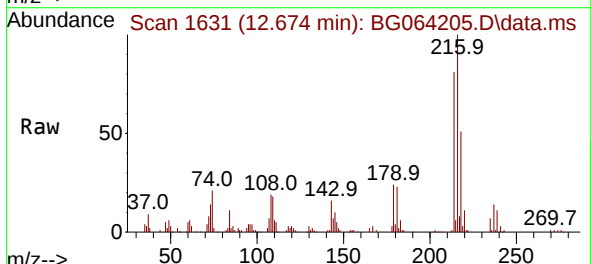
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

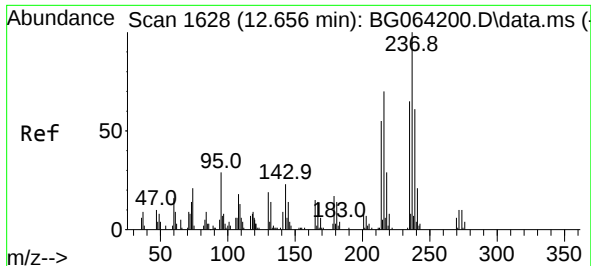
Tgt Ion:164 Resp: 102876
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 44.7 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.995 ng
RT: 12.674 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:216 Resp: 118849
Ion Ratio Lower Upper
216 100
214 79.2 61.7 92.5
179 23.6 18.7 28.1
108 20.7 16.1 24.1

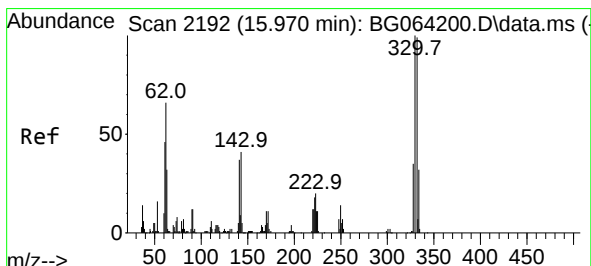
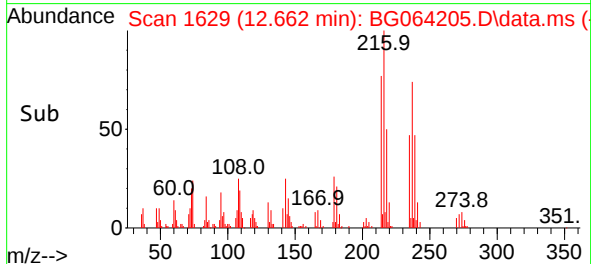
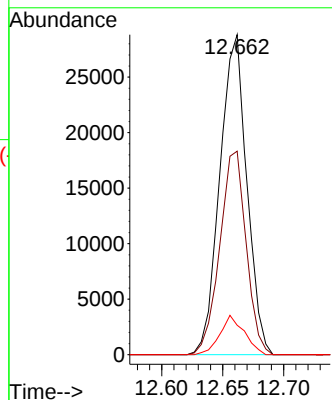
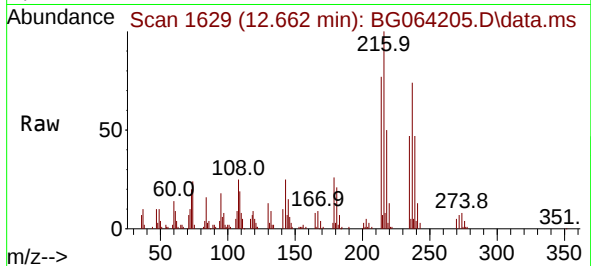




#41
Hexachlorocyclopentadiene
Concen: 40.461 ng
RT: 12.662 min Scan# 1629
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

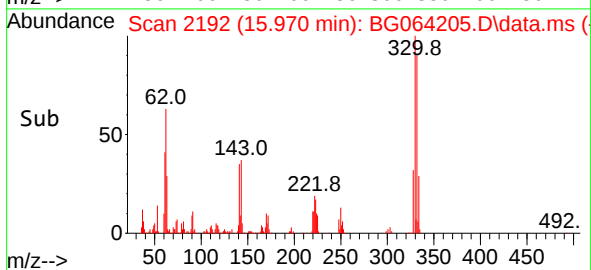
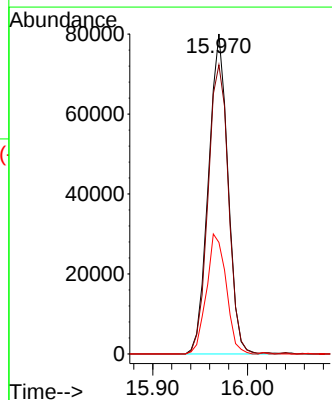
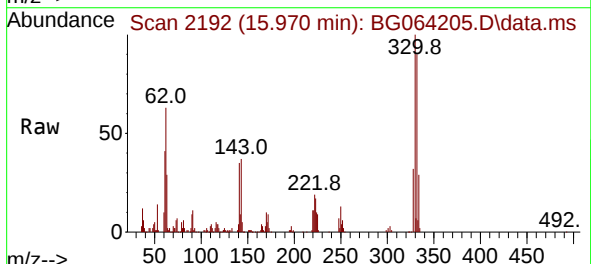
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

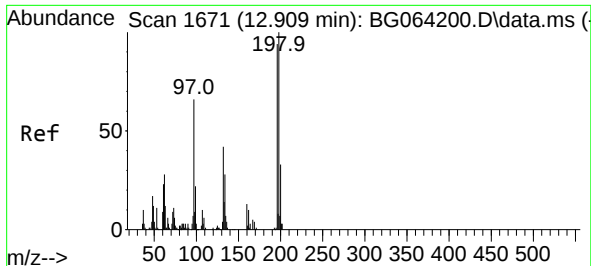
Tgt Ion:237 Resp: 44333
Ion Ratio Lower Upper
237 100
235 63.6 45.2 85.2
272 9.2 0.0 30.2



#42
2,4,6-Tribromophenol
Concen: 82.663 ng
RT: 15.970 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:330 Resp: 114182
Ion Ratio Lower Upper
330 100
332 94.7 78.6 118.0
141 37.8 30.2 45.2

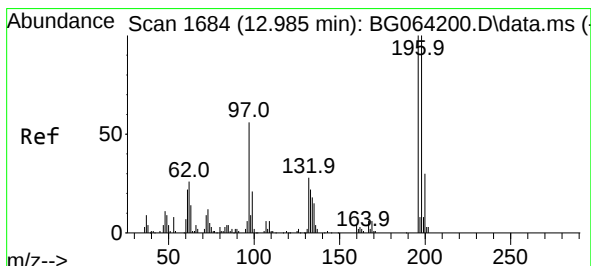
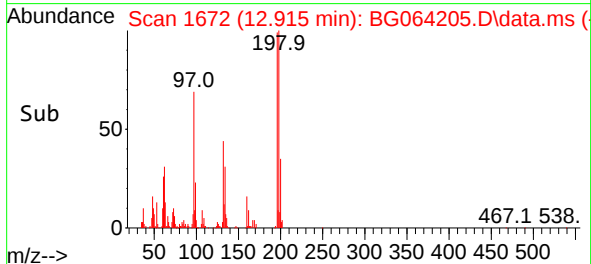
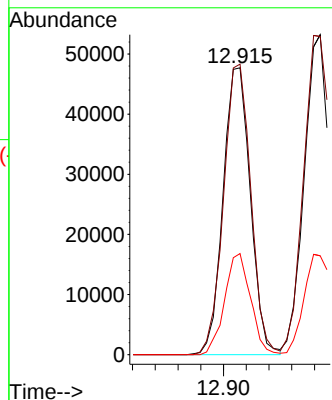
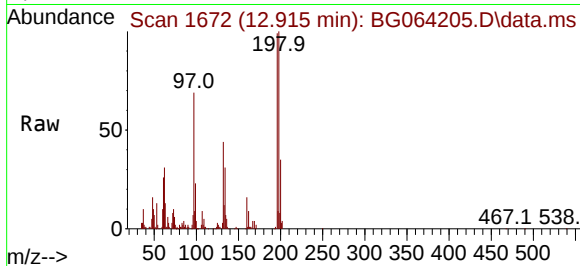




#43
2,4,6-Trichlorophenol
Concen: 40.844 ng
RT: 12.915 min Scan# 1672
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

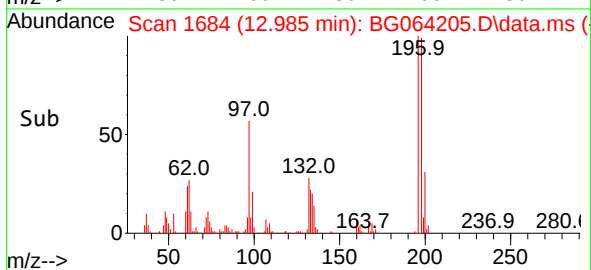
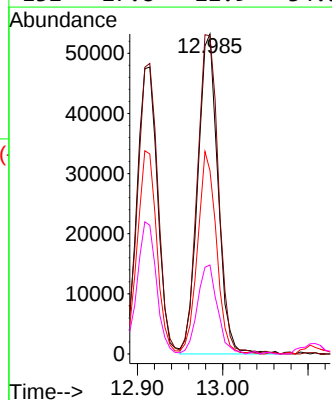
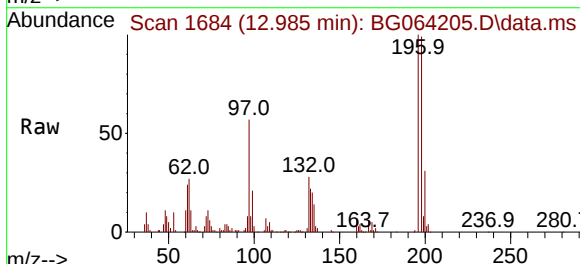
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

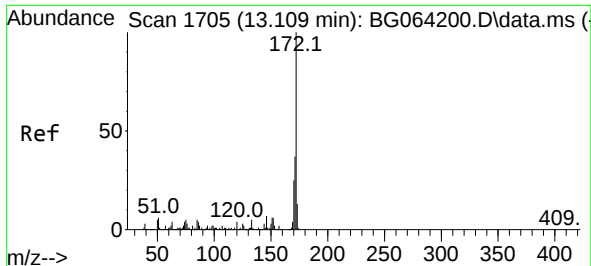
Tgt Ion:196 Resp: 79466
Ion Ratio Lower Upper
196 100
198 101.3 85.0 127.4
200 35.3 28.2 42.4



#44
2,4,5-Trichlorophenol
Concen: 39.963 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:196 Resp: 87152
Ion Ratio Lower Upper
196 100
198 99.5 80.7 121.1
97 57.3 45.2 67.8
132 27.8 22.9 34.3

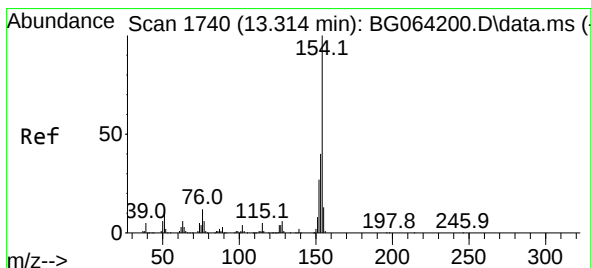
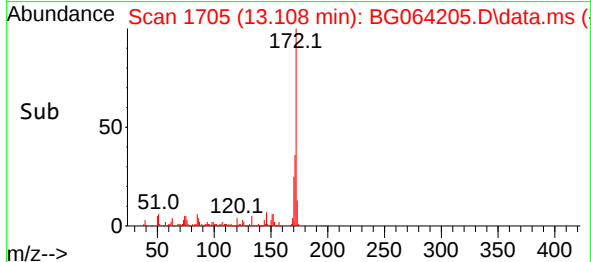
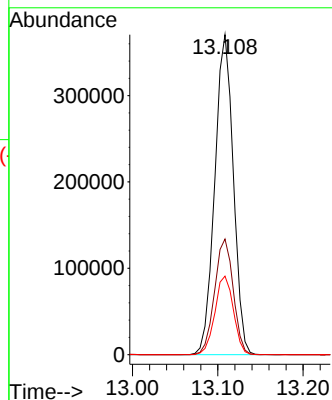
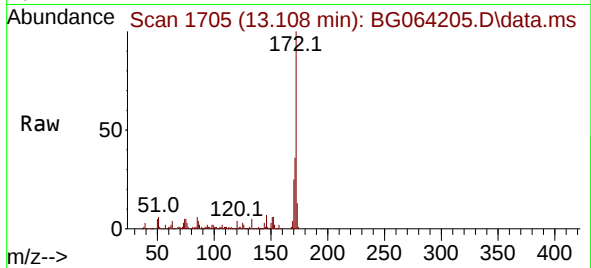




#45
2-Fluorobiphenyl
Concen: 79.302 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

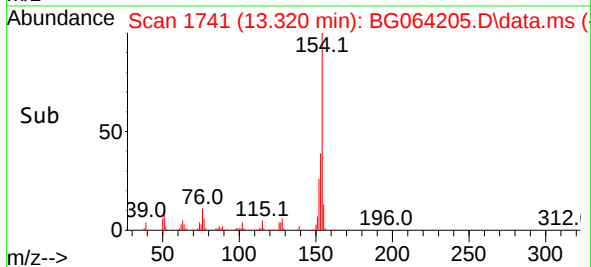
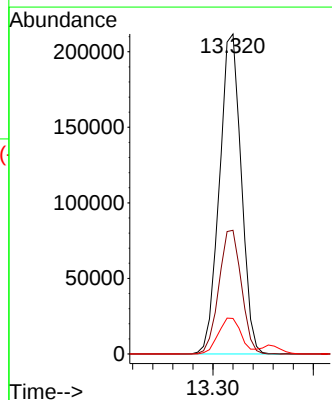
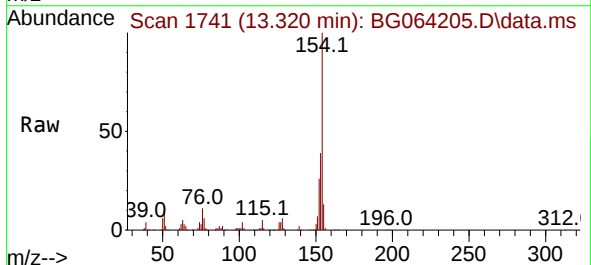
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

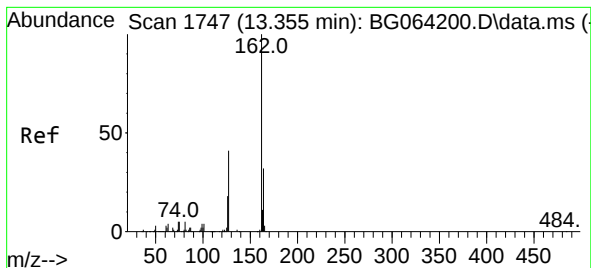
Tgt Ion:172 Resp: 561024
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.2
170 24.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 39.840 ng
RT: 13.320 min Scan# 1741
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:154 Resp: 318518
Ion Ratio Lower Upper
154 100
153 38.7 19.7 59.7
76 11.1 0.0 31.8

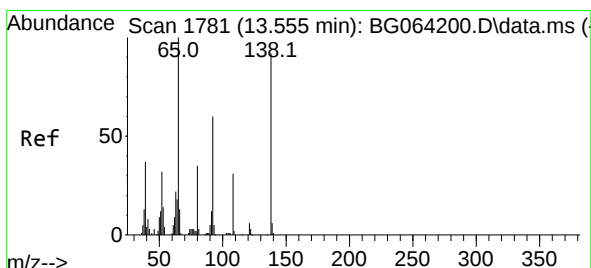
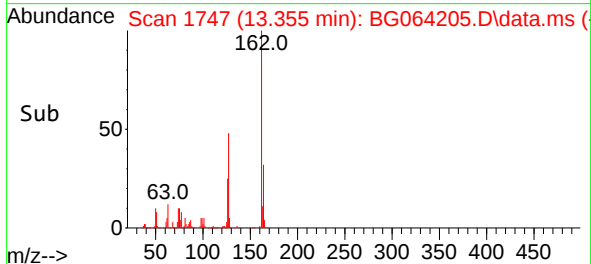
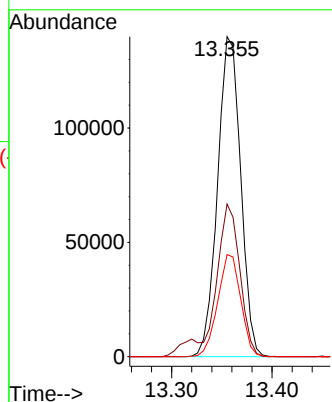
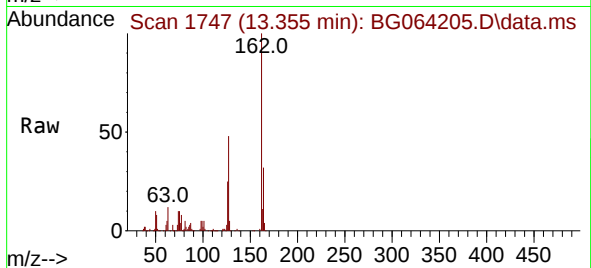




#47
2-Chloronaphthalene
Concen: 38.781 ng
RT: 13.355 min Scan# 1747
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

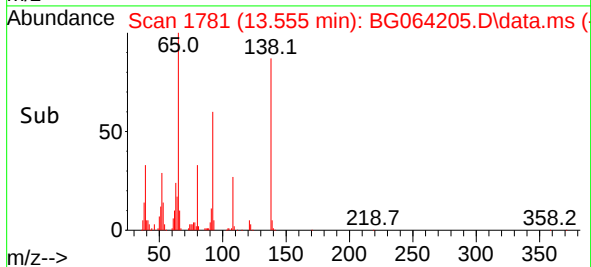
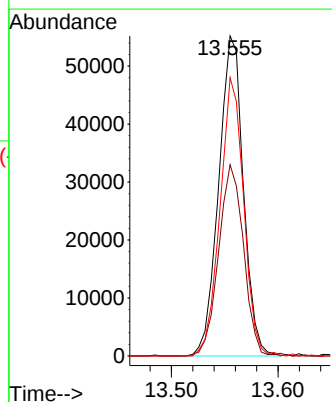
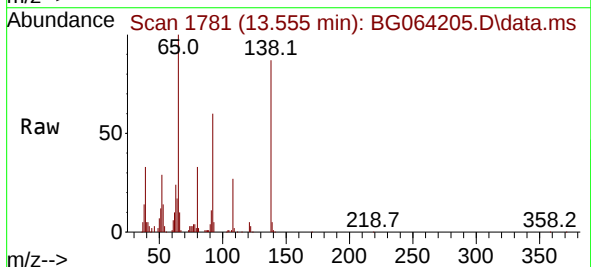
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

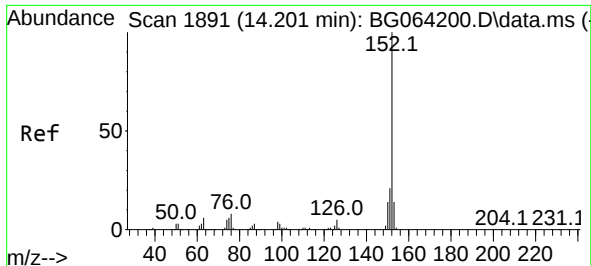
Tgt Ion:162 Resp: 223429
Ion Ratio Lower Upper
162 100
127 47.7 35.7 53.5
164 31.9 25.8 38.6



#48
2-Nitroaniline
Concen: 41.963 ng
RT: 13.555 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion: 65 Resp: 88553
Ion Ratio Lower Upper
65 100
92 59.8 48.1 72.1
138 86.9 73.8 110.8

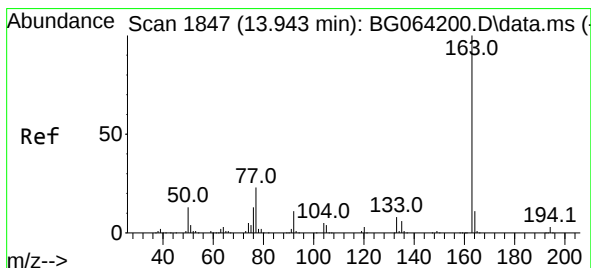
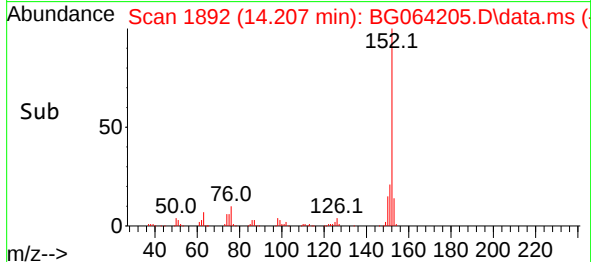
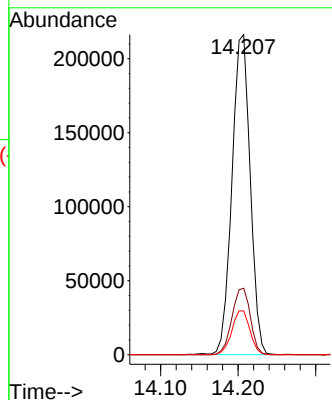
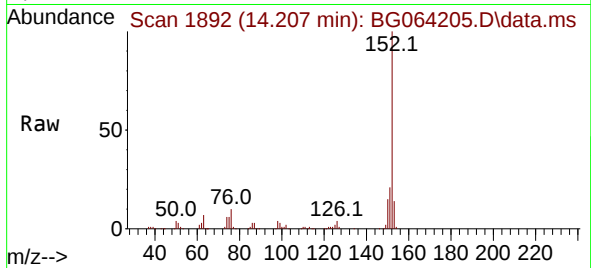




#49
Acenaphthylene
Concen: 39.085 ng
RT: 14.207 min Scan# 1892
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

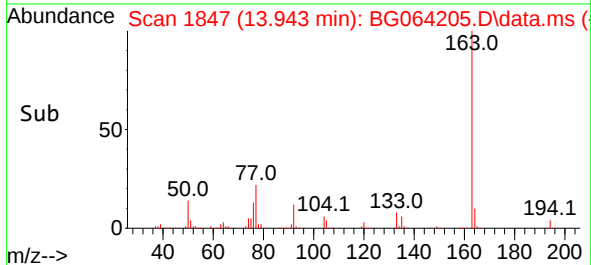
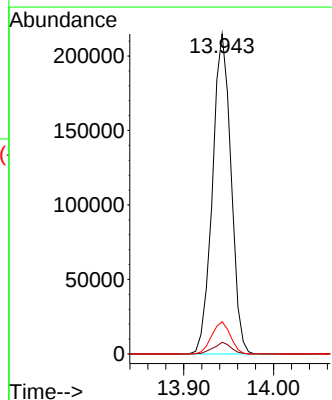
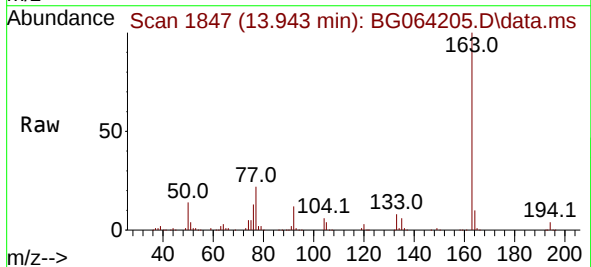
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

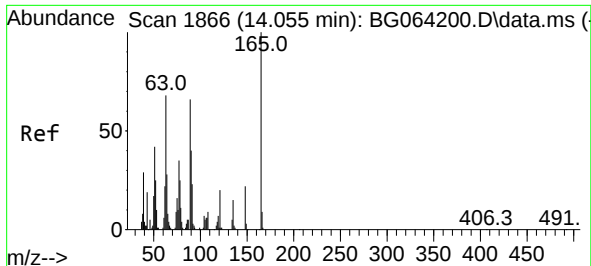
Tgt Ion:152 Resp: 353625
Ion Ratio Lower Upper
152 100
151 20.8 17.1 25.7
153 13.7 11.0 16.6



#50
Dimethylphthalate
Concen: 39.024 ng
RT: 13.943 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:163 Resp: 307867
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.1 8.6 13.0

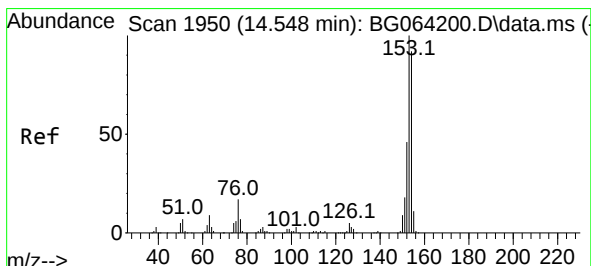
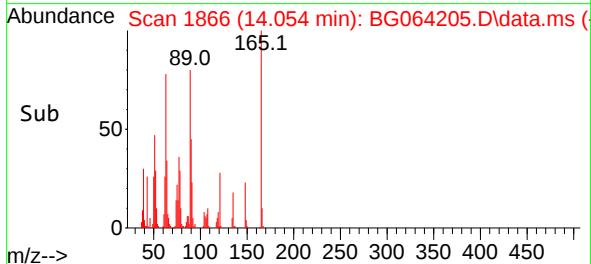
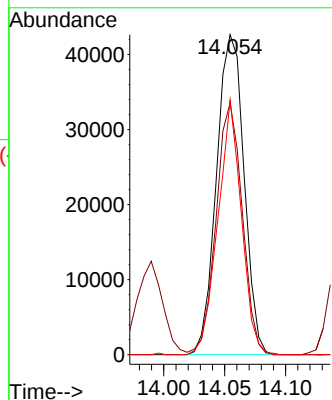
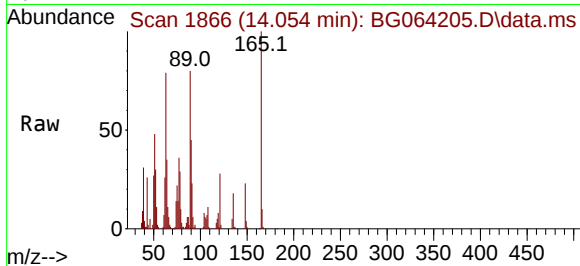




#51
2,6-Dinitrotoluene
Concen: 41.522 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

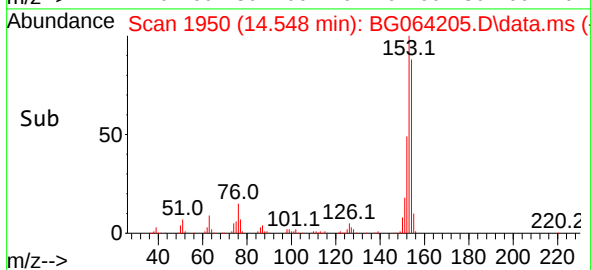
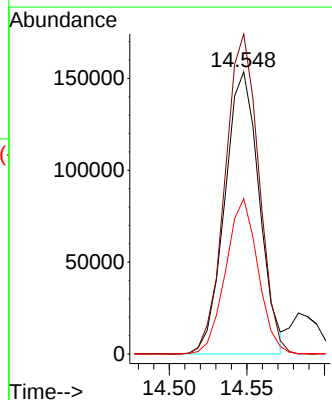
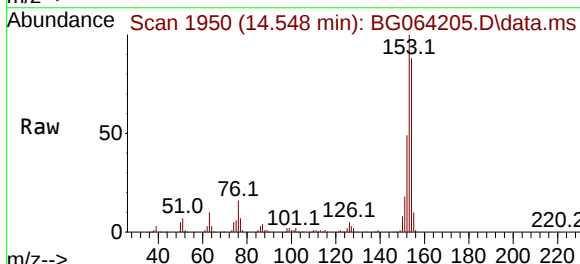
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

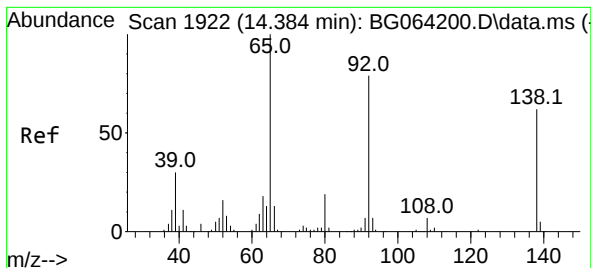
Tgt Ion:165 Resp: 66930
Ion Ratio Lower Upper
165 100
63 78.7 54.9 82.3
89 79.6 52.5 78.7#



#52
Acenaphthene
Concen: 39.302 ng
RT: 14.548 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

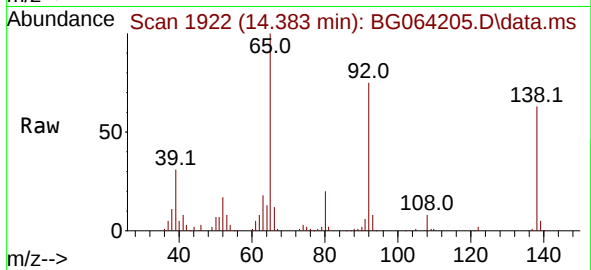
Tgt Ion:154 Resp: 236837
Ion Ratio Lower Upper
154 100
153 113.5 86.9 130.3
152 55.1 40.2 60.2



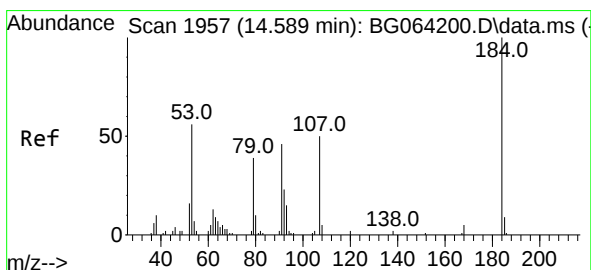
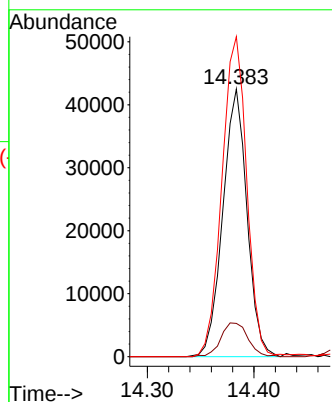
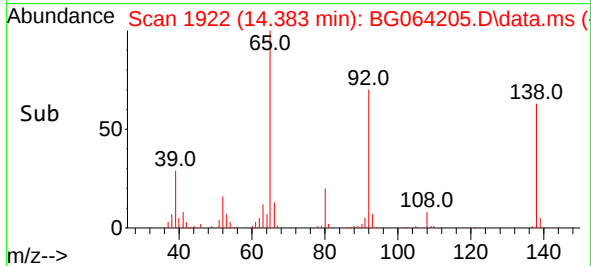


#53
3-Nitroaniline
Concen: 42.424 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

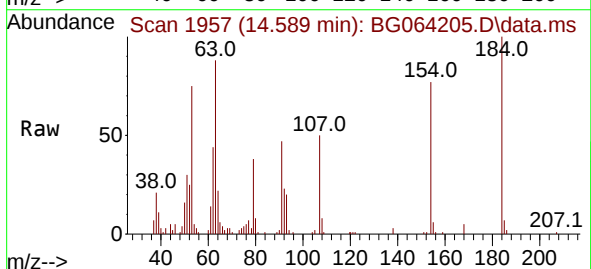
Instrument :
BNA_G
ClientSampleId :
ICVBG040725



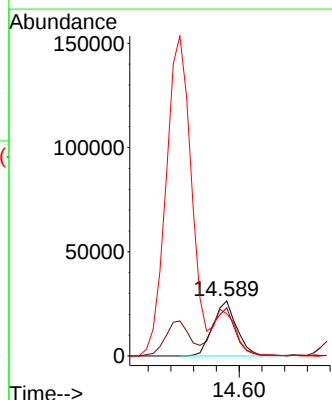
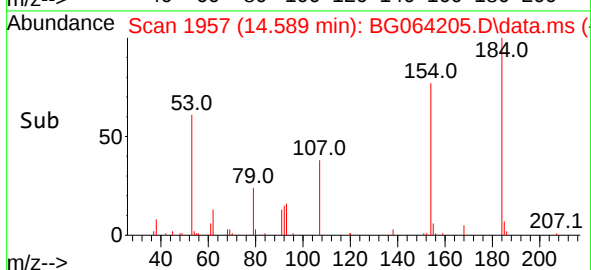
Tgt Ion:138 Resp: 66918
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 119.6 101.0 151.6

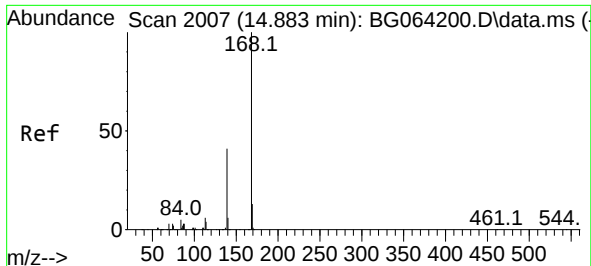


#54
2,4-Dinitrophenol
Concen: 39.440 ng
RT: 14.589 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03



Tgt Ion:184 Resp: 38293
Ion Ratio Lower Upper
184 100
63 87.6 59.0 88.6
154 76.7 62.1 93.1

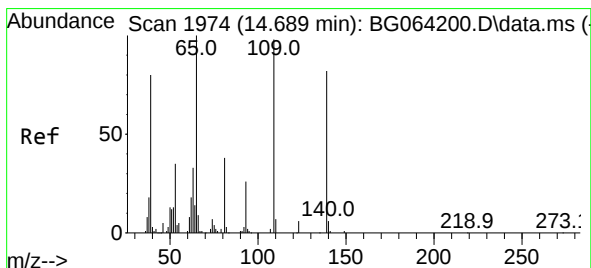
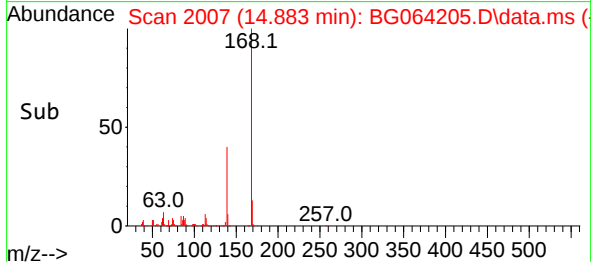
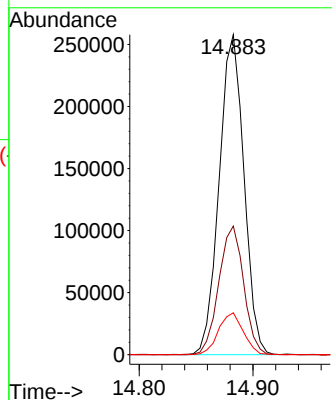
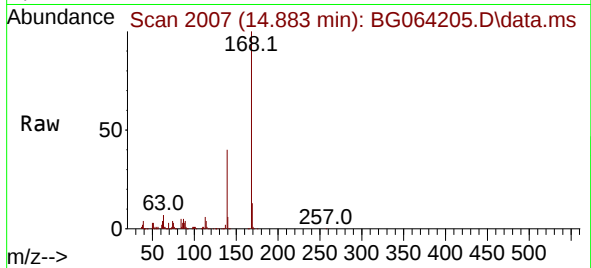




#55
Dibenzofuran
Concen: 40.095 ng
RT: 14.883 min Scan# 2007
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

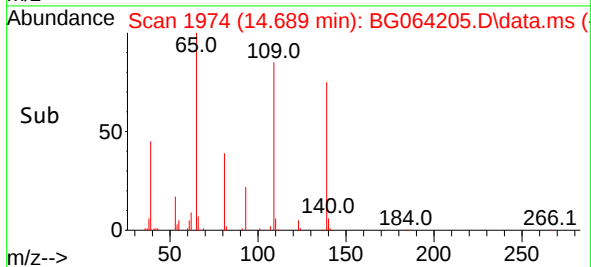
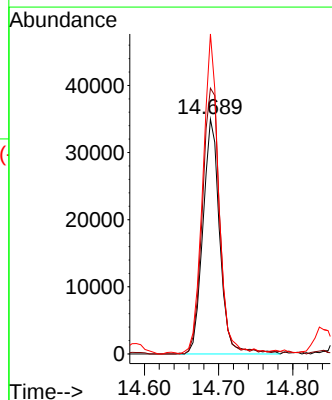
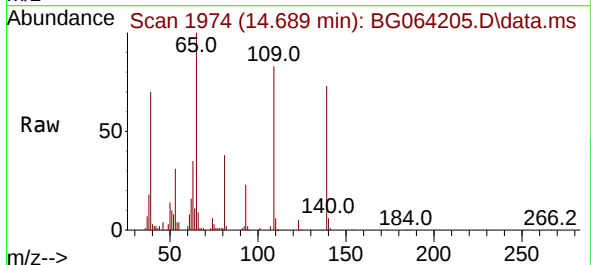
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

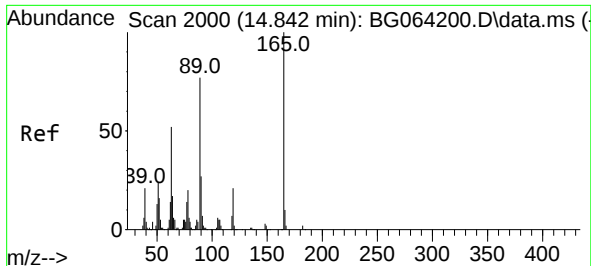
Tgt Ion:168 Resp: 390102
Ion Ratio Lower Upper
168 100
139 40.2 32.7 49.1
169 13.1 10.7 16.1



#56
4-Nitrophenol
Concen: 43.273 ng
RT: 14.689 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

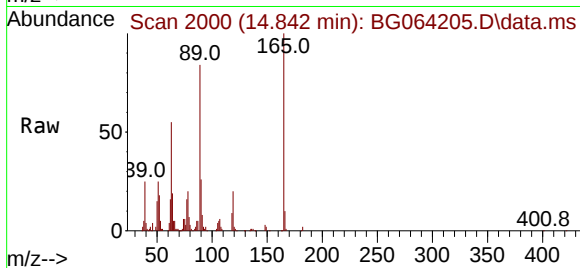
Tgt Ion:139 Resp: 55331
Ion Ratio Lower Upper
139 100
109 113.3 99.9 139.9
65 136.4 102.6 142.6



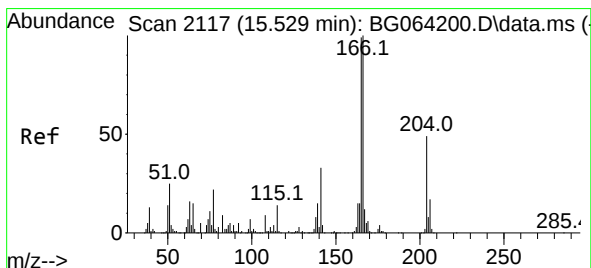
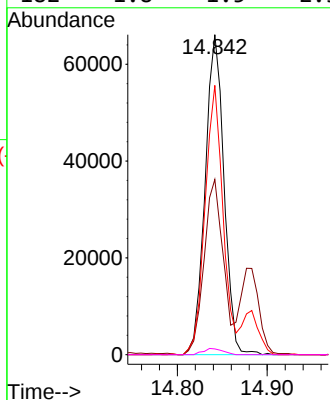
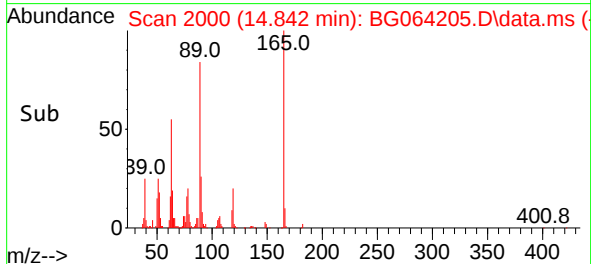


#57
2,4-Dinitrotoluene
Concen: 42.090 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

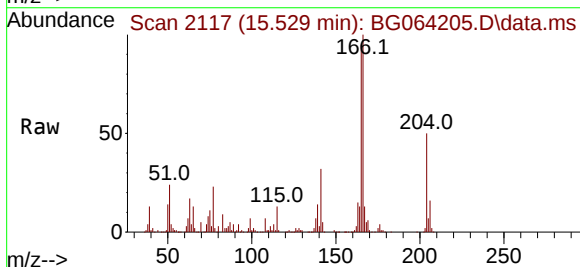
Instrument :
BNA_G
ClientSampleId :
ICVBG040725



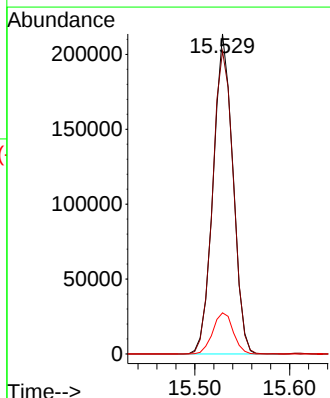
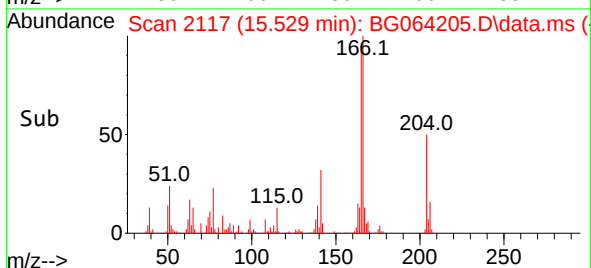
Tgt Ion	165	Resp:	96397
	Ratio	Lower	Upper
165	100		
63	54.8	42.2	63.2
89	84.2	61.3	91.9
182	1.8	1.5	2.3

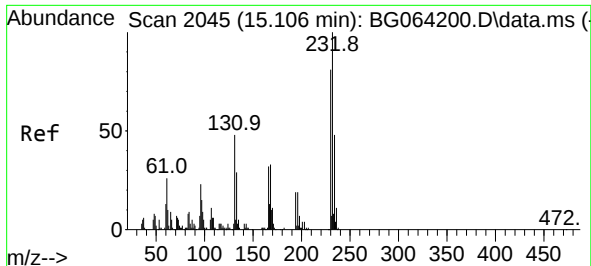


#58
Fluorene
Concen: 40.013 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03



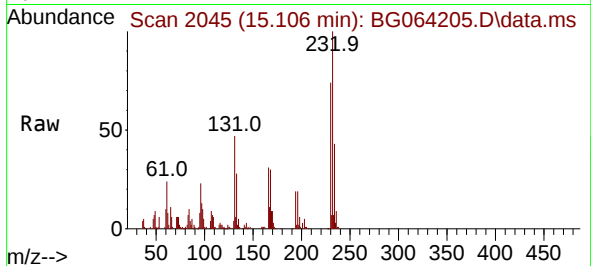
Tgt Ion:166	Resp:	308738	
Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.2	118.8
167	12.9	9.6	14.4



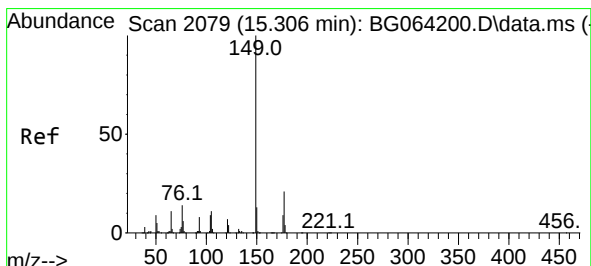
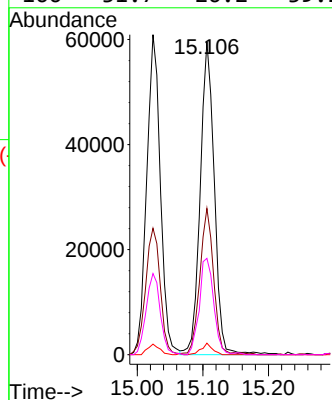
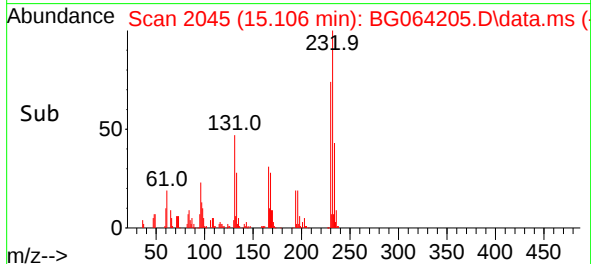


#59
2,3,4,6-Tetrachlorophenol
Concen: 42.362 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Instrument :
BNA_G
ClientSampleId :
ICVBG040725

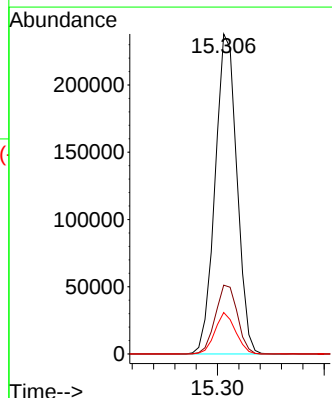
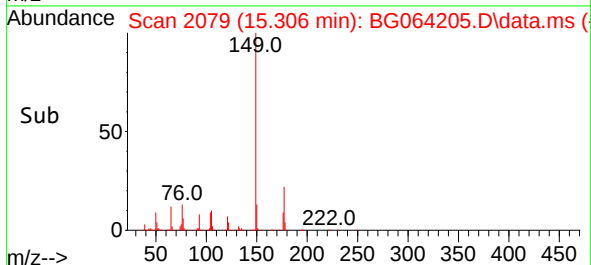
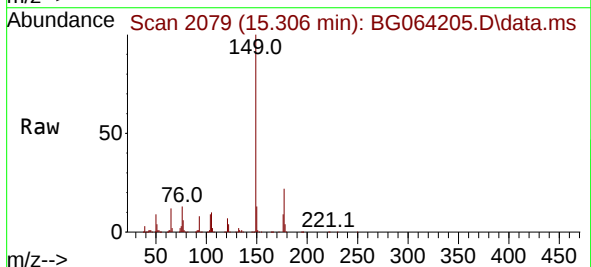


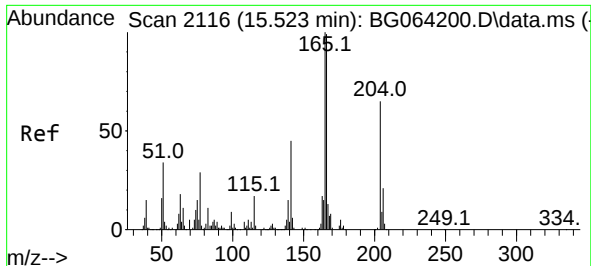
Tgt Ion:232 Resp: 89385
Ion Ratio Lower Upper
232 100
131 45.8 37.4 56.2
130 2.8 1.1 1.7#
166 31.7 26.2 39.2



#60
Diethylphthalate
Concen: 39.996 ng
RT: 15.306 min Scan# 2079
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:149 Resp: 336912
Ion Ratio Lower Upper
149 100
177 21.5 16.6 25.0
150 12.9 10.4 15.6

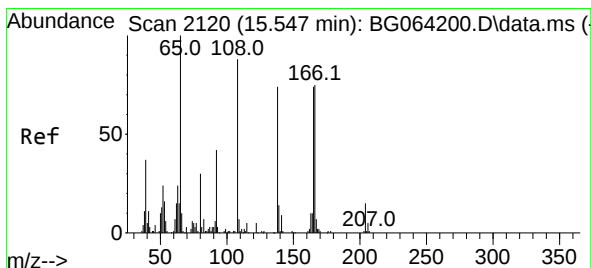
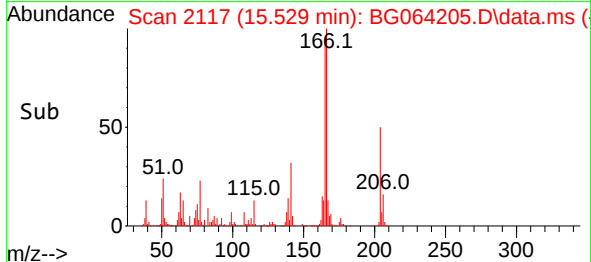
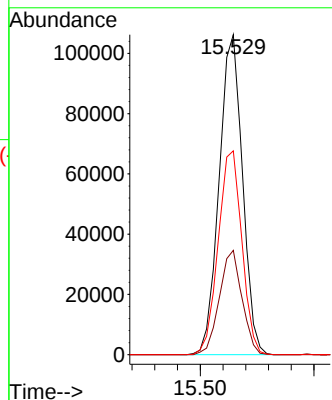
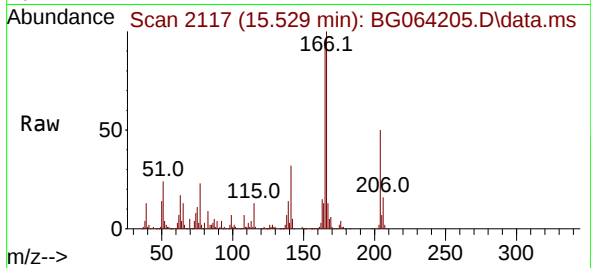




#61
4-Chlorophenyl-phenylether
Concen: 39.131 ng
RT: 15.529 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

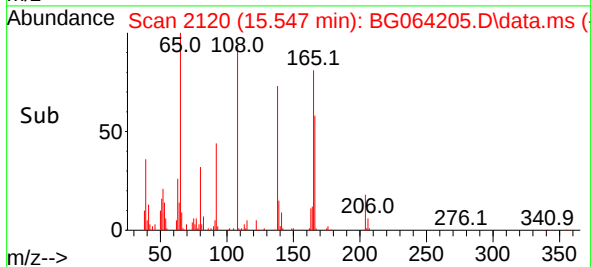
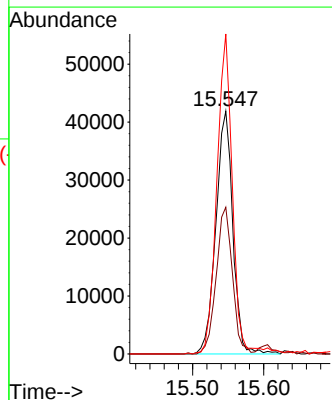
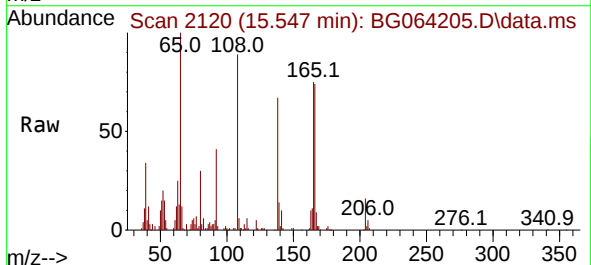
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

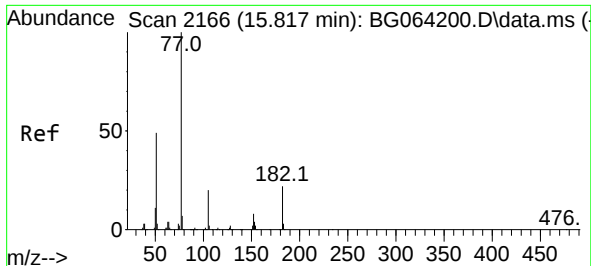
Tgt Ion:204 Resp: 151348
Ion Ratio Lower Upper
204 100
206 32.6 25.7 38.5
141 63.7 55.1 82.7



#62
4-Nitroaniline
Concen: 43.234 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:138 Resp: 69409
Ion Ratio Lower Upper
138 100
92 60.5 37.5 77.5
108 131.9 99.5 139.5

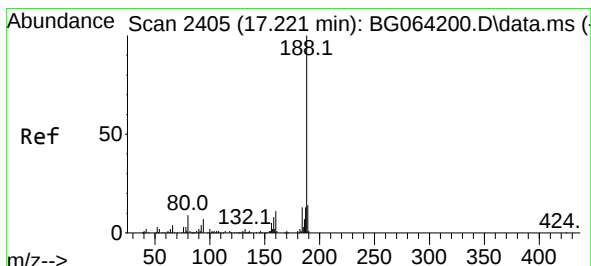
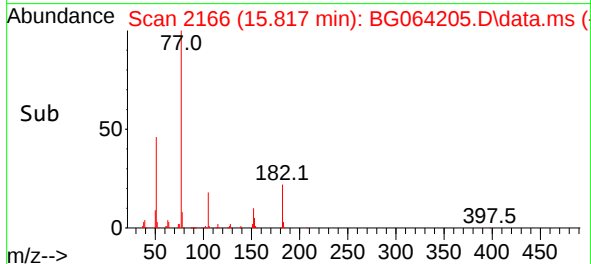
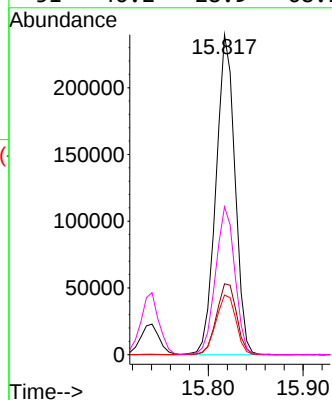
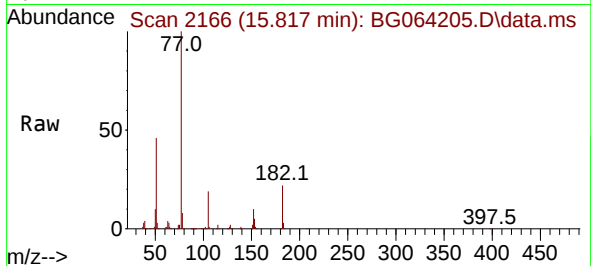




#63
Azobenzene
Concen: 40.356 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

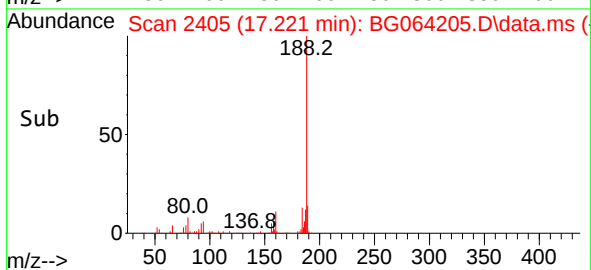
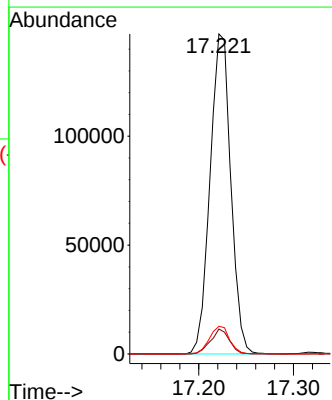
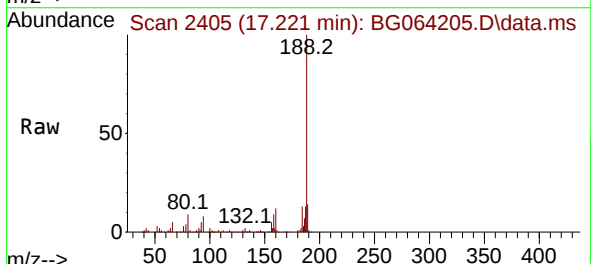
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

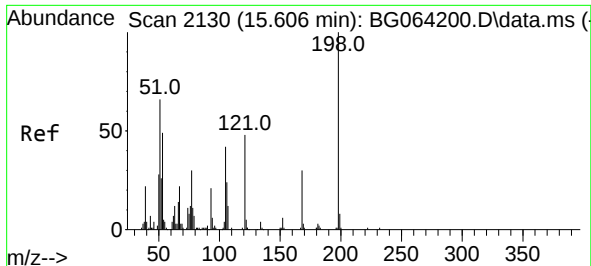
Tgt Ion: 77	Resp: 333357
Ion Ratio	Lower Upper
77 100	
182 22.1	2.4 42.4
105 18.6	0.0 39.7
51 46.2	28.9 68.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:188	Resp: 223793
Ion Ratio	Lower Upper
188 100	
94 7.8	5.7 8.5
80 8.6	6.9 10.3

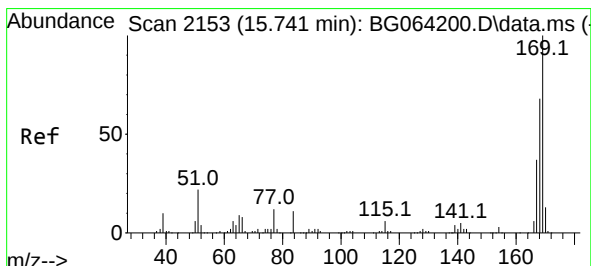
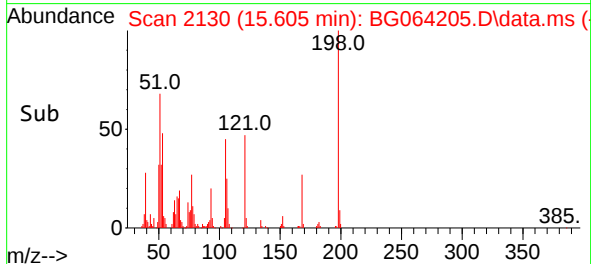
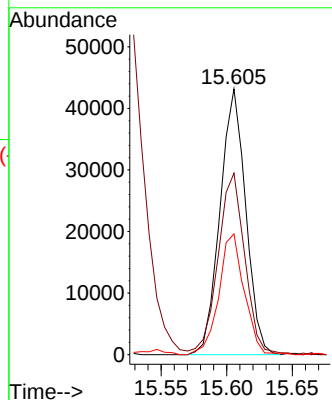
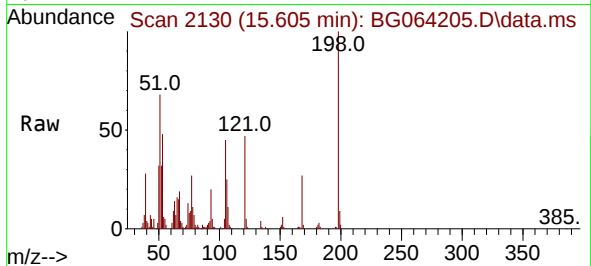




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.654 ng
 RT: 15.605 min Scan# 2130
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

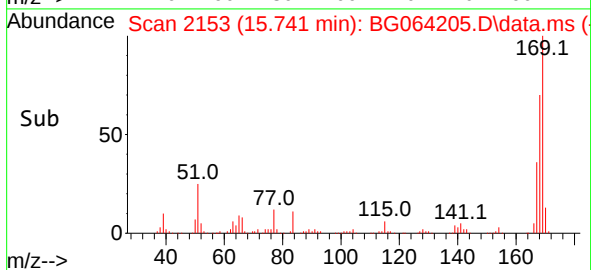
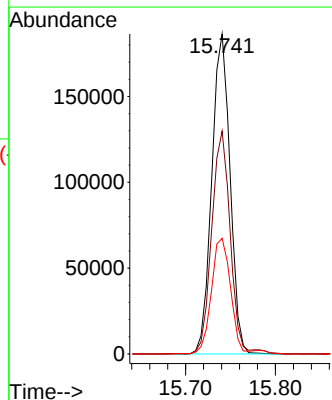
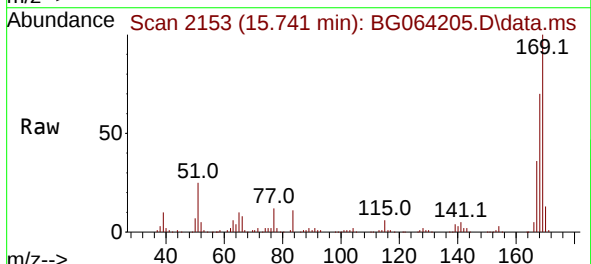
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG040725

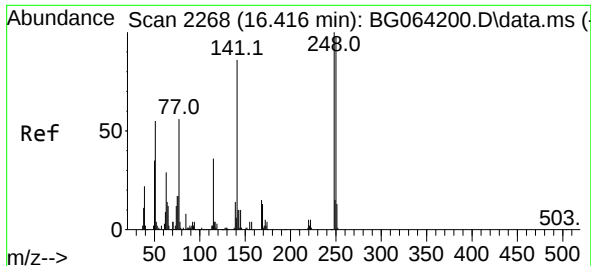
Tgt Ion:198 Resp: 58663
 Ion Ratio Lower Upper
 198 100
 51 68.2 47.9 87.9
 105 45.4 22.8 62.8



#66
 n-Nitrosodiphenylamine
 Concen: 40.246 ng
 RT: 15.741 min Scan# 2153
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

Tgt Ion:169 Resp: 263039
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.0 82.4
 167 36.2 29.4 44.0

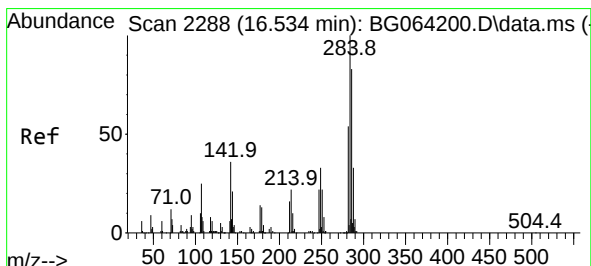
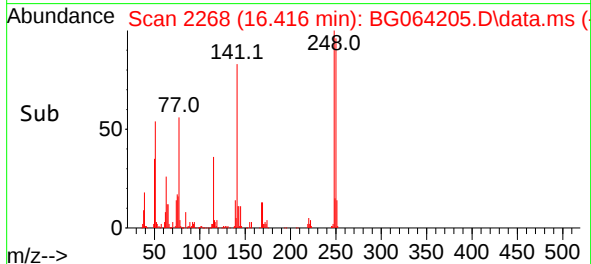
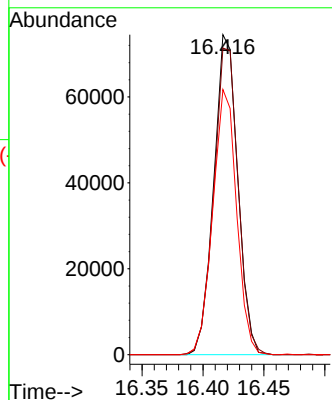
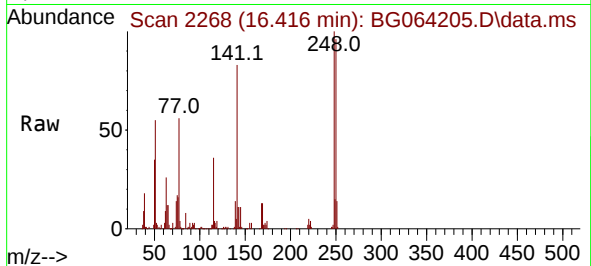




#67
4-Bromophenyl-phenylether
Concen: 40.559 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

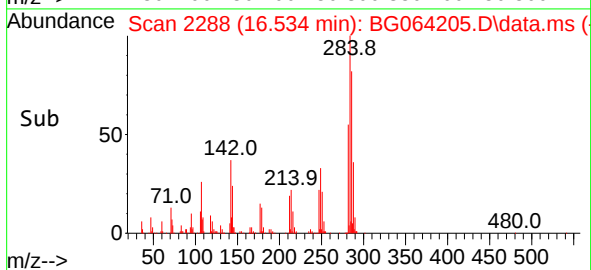
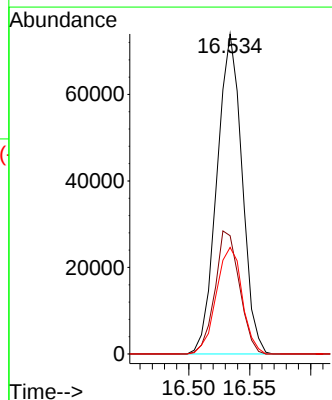
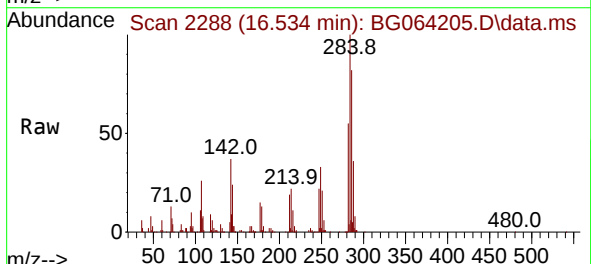
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

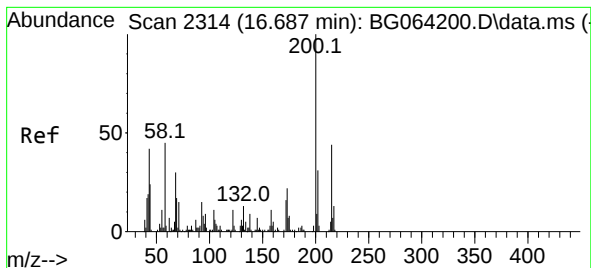
Tgt Ion:248 Resp: 101756
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 82.9 68.8 103.2



#68
Hexachlorobenzene
Concen: 39.081 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:284 Resp: 106098
Ion Ratio Lower Upper
284 100
142 37.0 28.9 43.3
249 33.3 26.6 39.8





#69

Atrazine

Concen: 28.121 ng

RT: 16.687 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

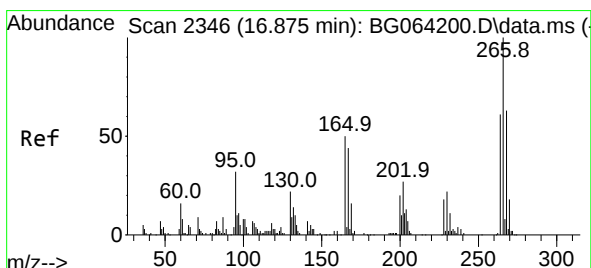
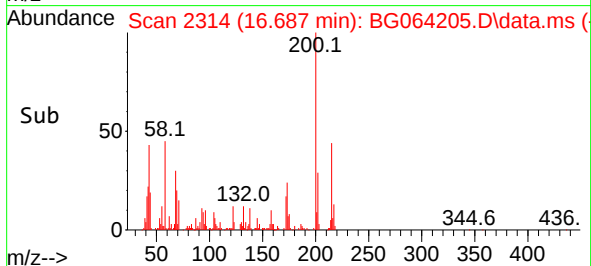
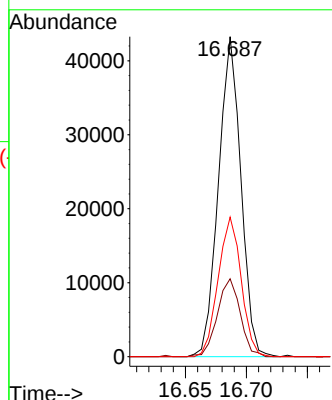
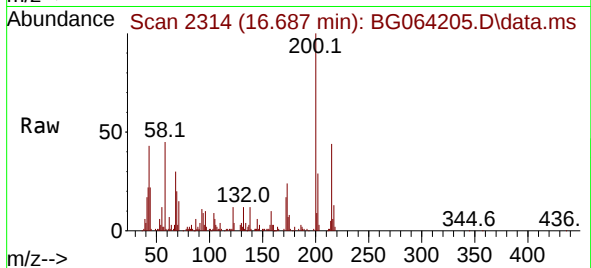
Tgt Ion:200 Resp: 55387

Ion Ratio Lower Upper

200 100

173 24.4 2.0 42.0

215 43.6 24.2 64.2



#70

Pentachlorophenol

Concen: 44.765 ng

RT: 16.875 min Scan# 2346

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

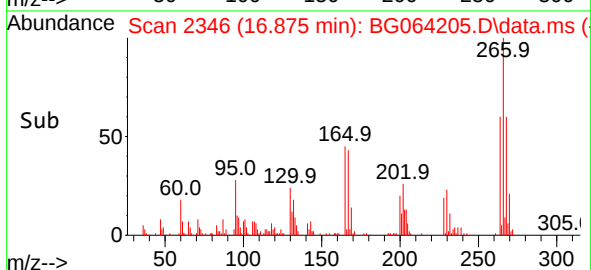
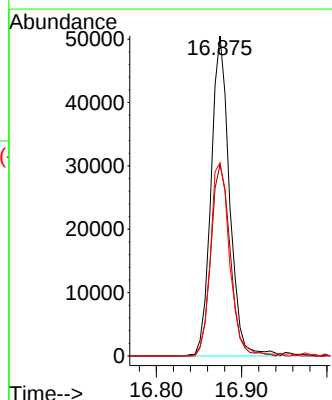
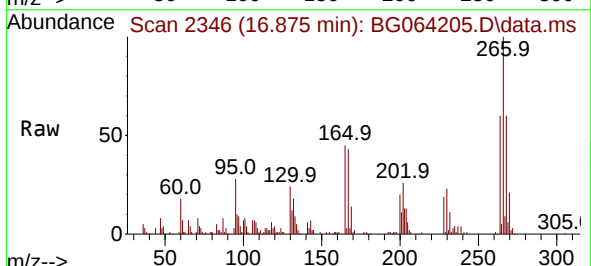
Tgt Ion:266 Resp: 76062

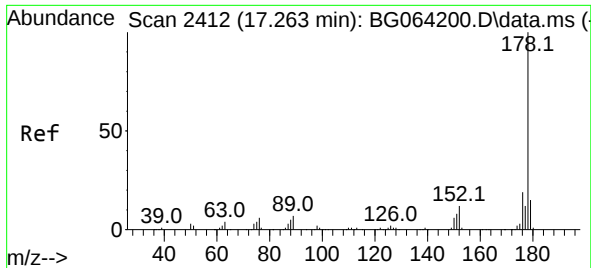
Ion Ratio Lower Upper

266 100

268 59.7 50.4 75.6

264 60.3 49.1 73.7

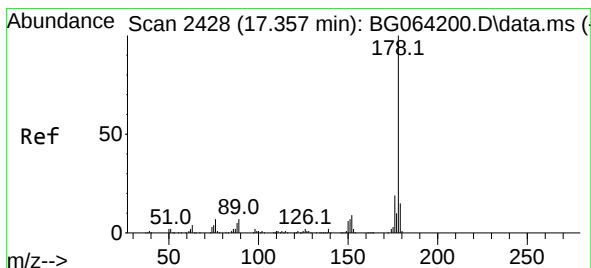
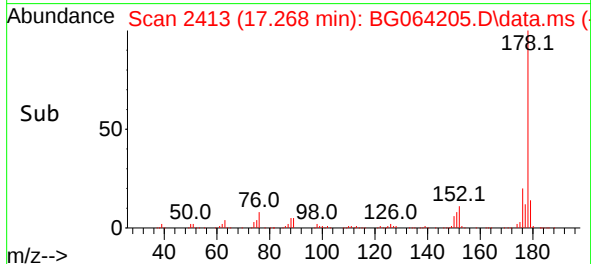
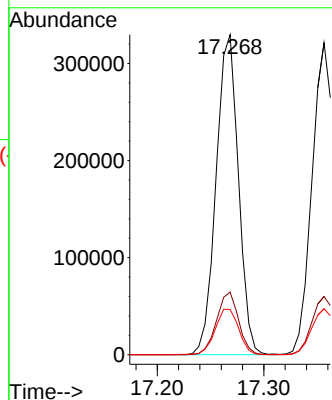
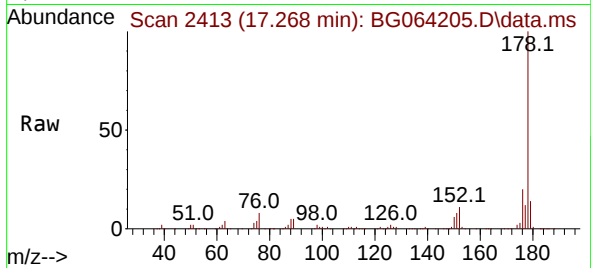




#71
Phenanthrene
Concen: 39.627 ng
RT: 17.268 min Scan# 2412
Delta R.T. 0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

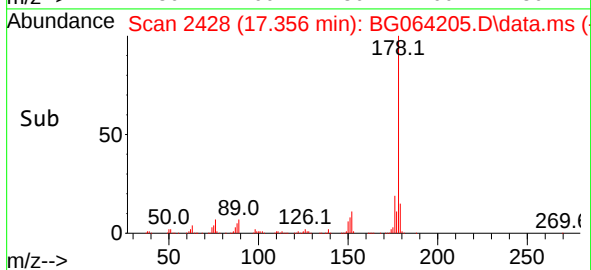
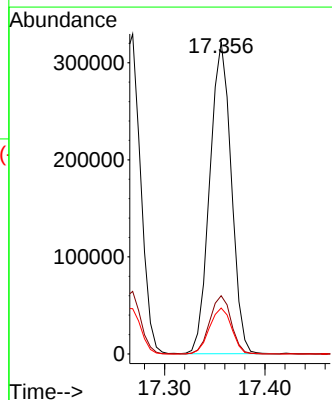
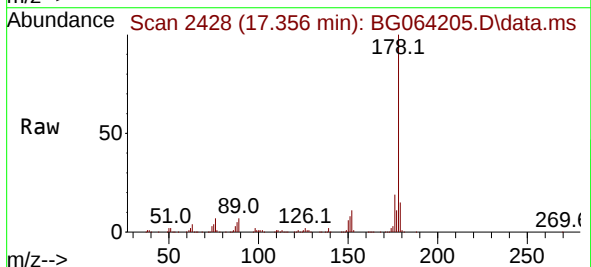
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

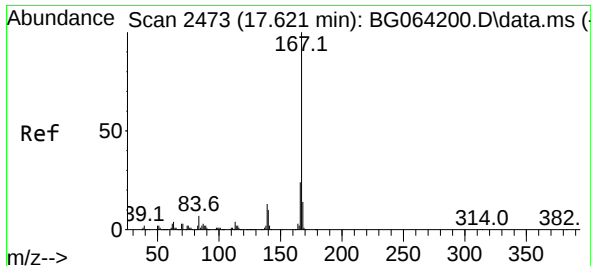
Tgt Ion:178 Resp: 478557
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 14.2 12.1 18.1



#72
Anthracene
Concen: 39.702 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:178 Resp: 477150
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 14.7 12.2 18.2



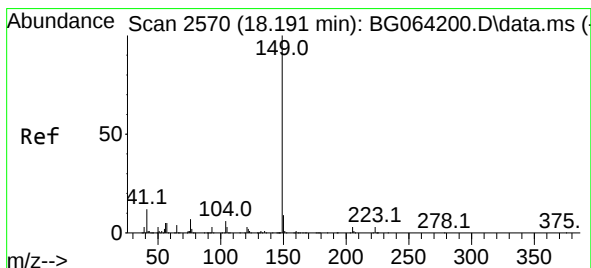
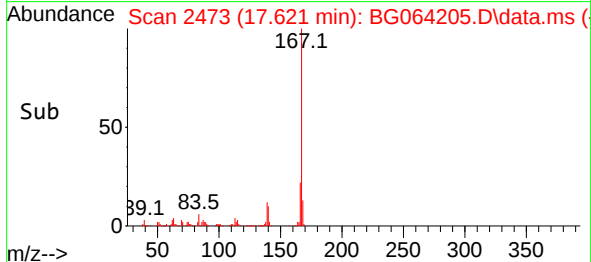
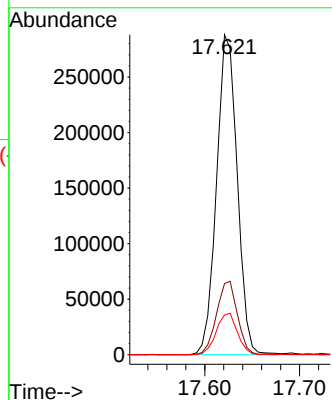
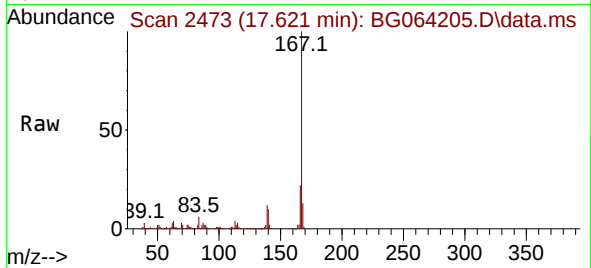


#73
 Carbazole
 Concen: 39.819 ng
 RT: 17.621 min Scan# 2473
 Delta R.T. -0.000 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG040725

Tgt Ion:167 Resp: 437209

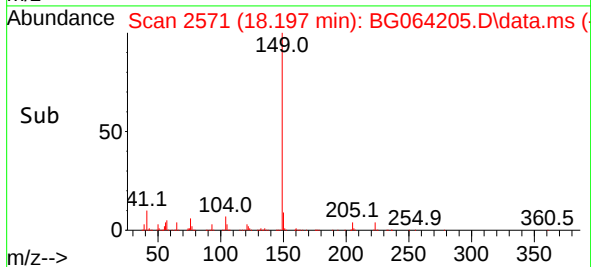
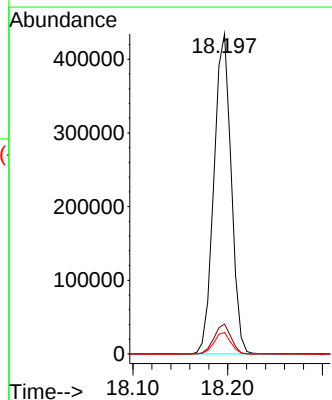
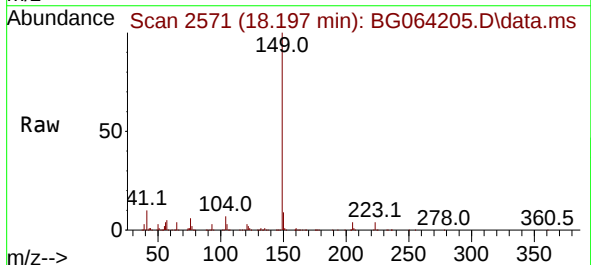
Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.0	28.4
139	12.4	10.5	15.7

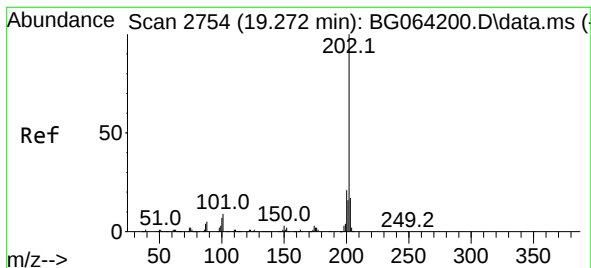


#74
 Di-n-butylphthalate
 Concen: 39.722 ng
 RT: 18.197 min Scan# 2571
 Delta R.T. 0.006 min
 Lab File: BG064205.D
 Acq: 7 Apr 2025 17:03

Tgt Ion:149 Resp: 546946

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.0	10.6
104	6.7	4.9	7.3





#75

Fluoranthene

Concen: 39.845 ng

RT: 19.278 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

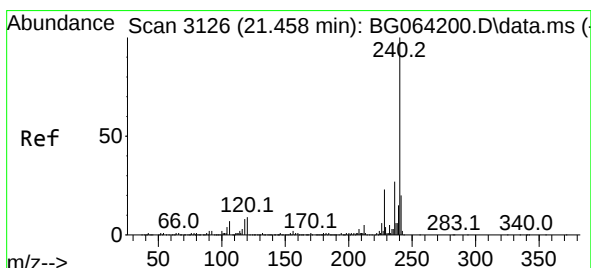
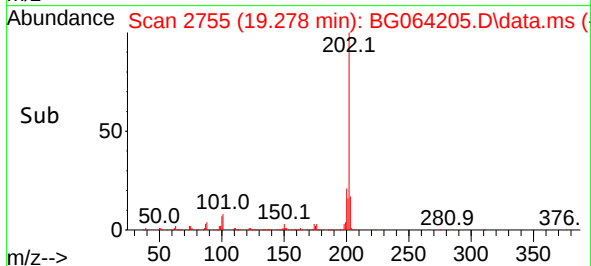
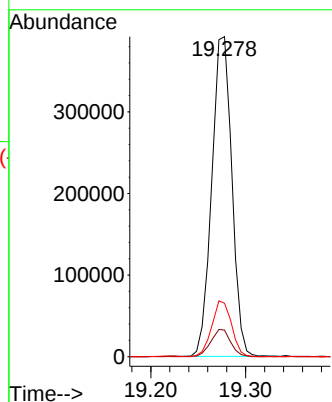
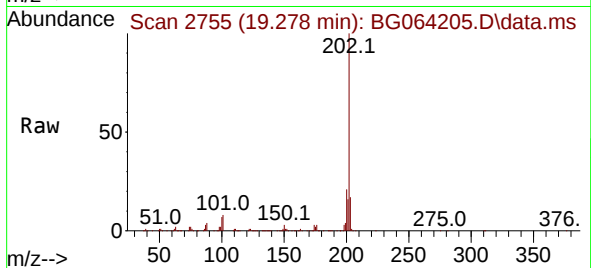
Tgt Ion:202 Resp: 576157

Ion Ratio Lower Upper

202 100

101 8.3 0.0 29.4

203 16.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.457 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

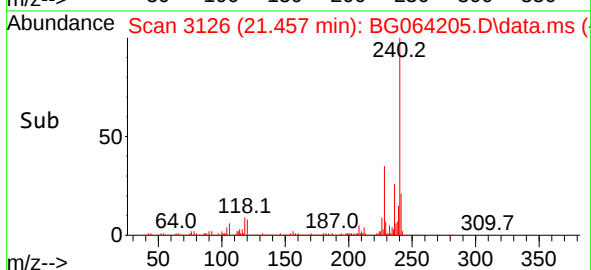
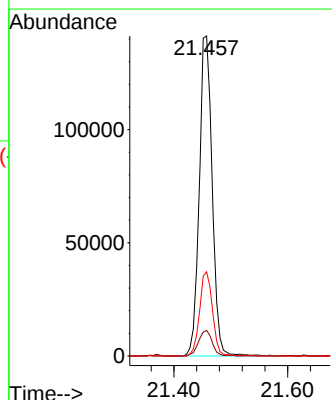
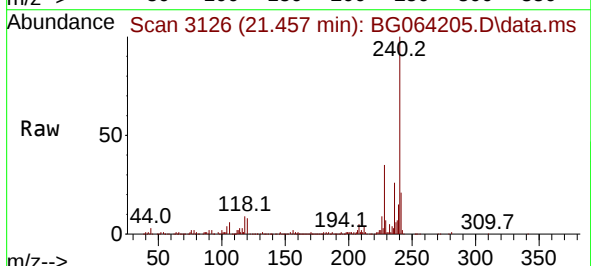
Tgt Ion:240 Resp: 223754

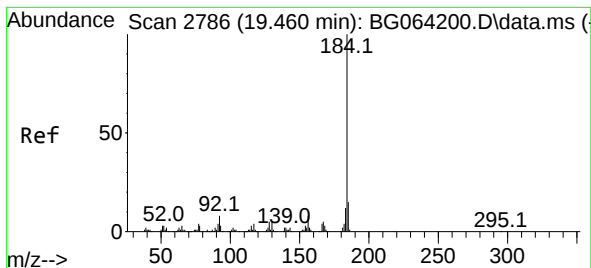
Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.4

236 26.3 22.0 33.0





#77

Benzidine

Concen: 47.729 ng

RT: 19.460 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

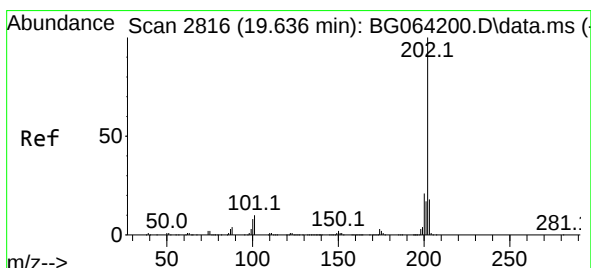
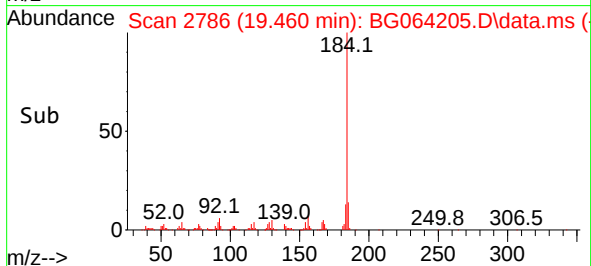
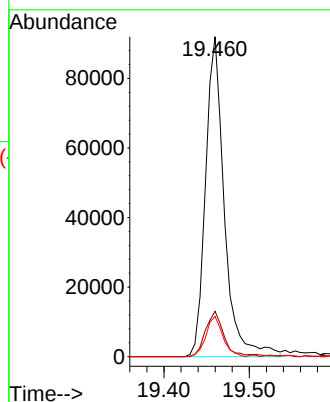
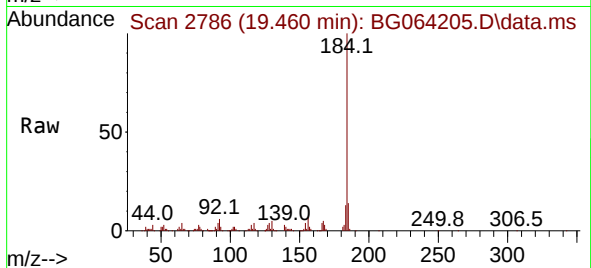
Tgt Ion:184 Resp: 140771

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.6 9.8 14.6



#78

Pyrene

Concen: 41.046 ng

RT: 19.636 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

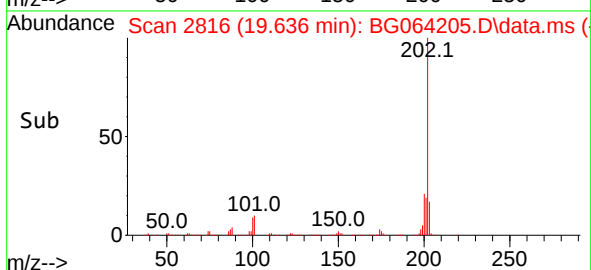
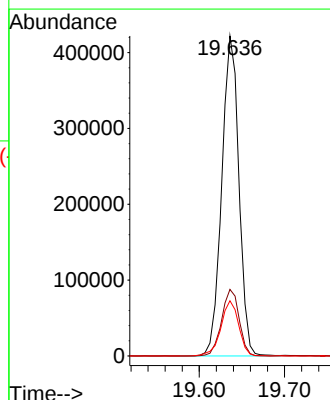
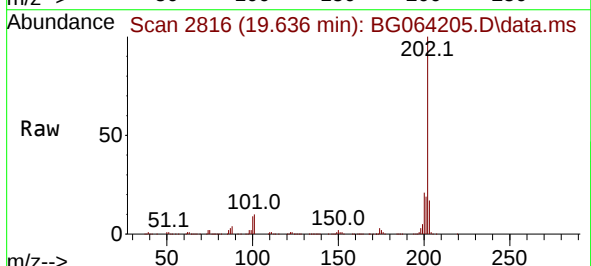
Tgt Ion:202 Resp: 590285

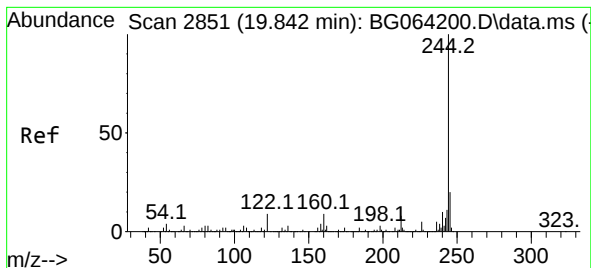
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 82.405 ng

RT: 19.842 min Scan# 2851

Delta R.T. -0.000 min

Lab File: BG064205.D

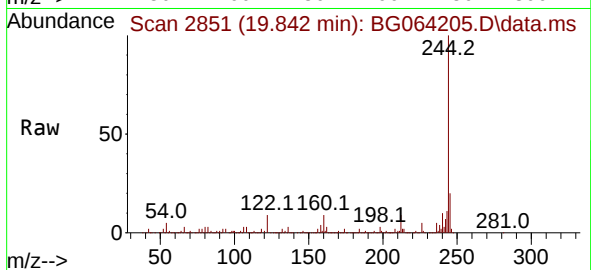
Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725



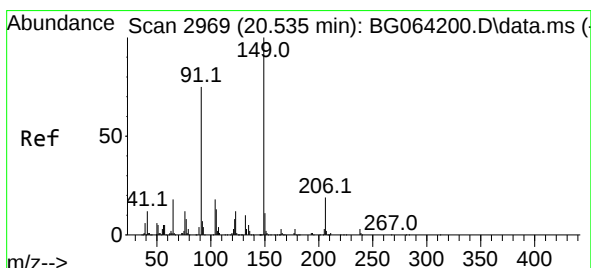
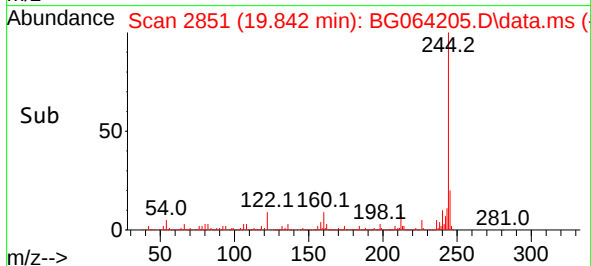
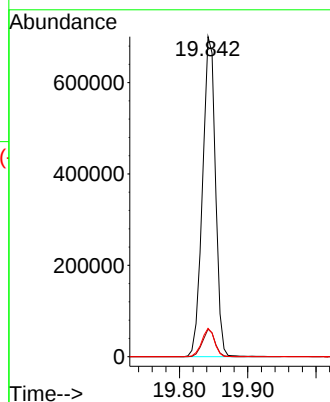
Tgt Ion:244 Resp: 924257

Ion Ratio Lower Upper

244 100

212 8.6 6.7 10.1

122 8.8 7.2 10.8



#80

Butylbenzylphthalate

Concen: 43.200 ng

RT: 20.535 min Scan# 2969

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

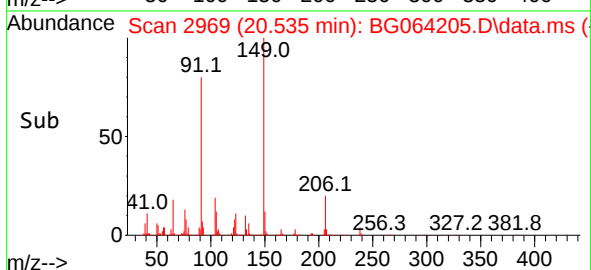
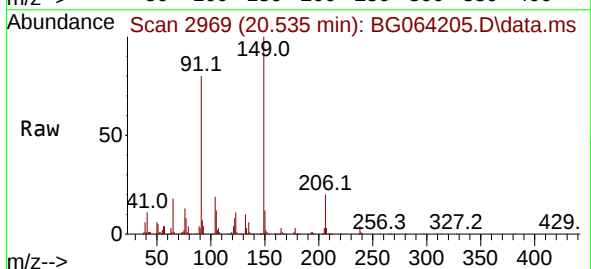
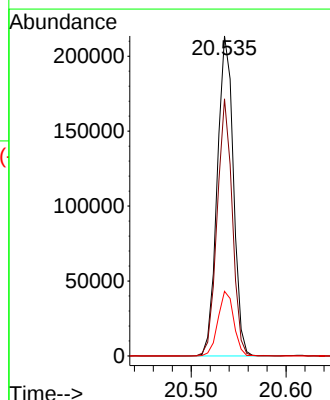
Tgt Ion:149 Resp: 252612

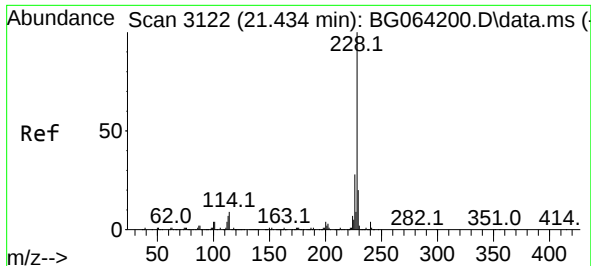
Ion Ratio Lower Upper

149 100

91 80.3 60.1 90.1

206 20.2 15.0 22.6

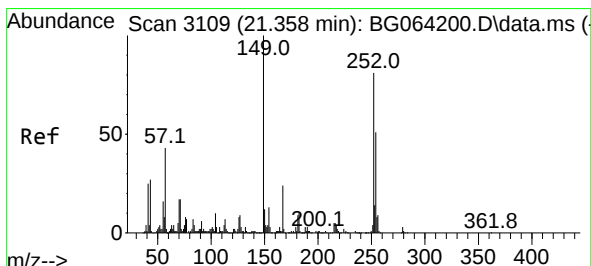
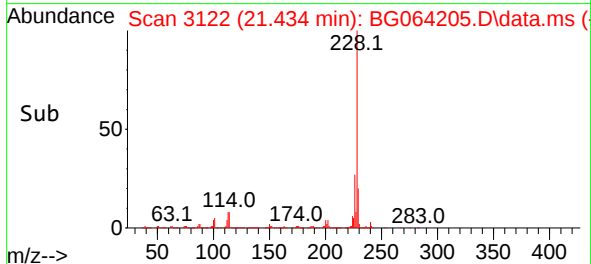
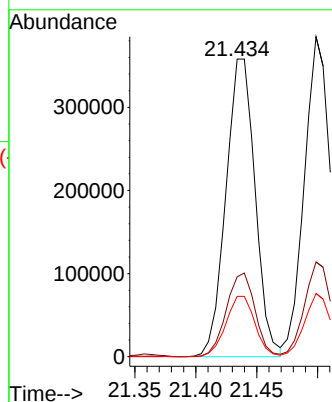
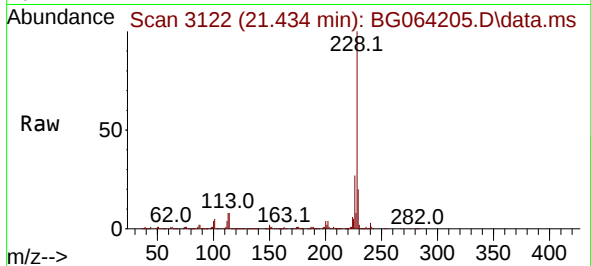




#81
Benzo(a)anthracene
Concen: 41.254 ng
RT: 21.434 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

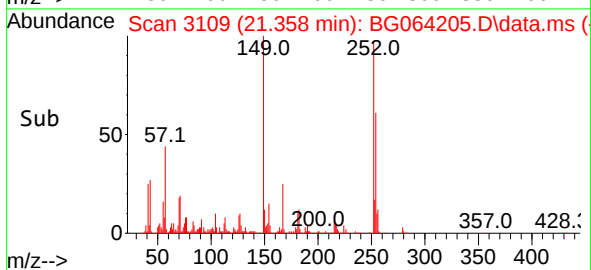
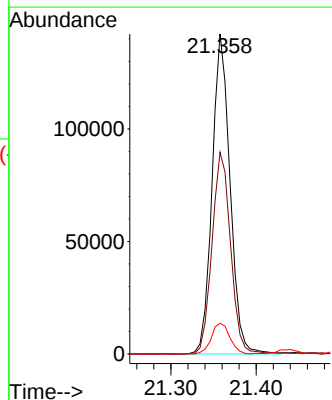
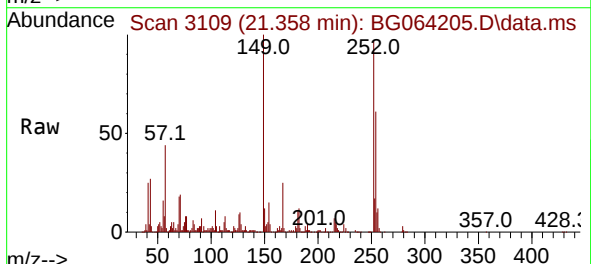
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

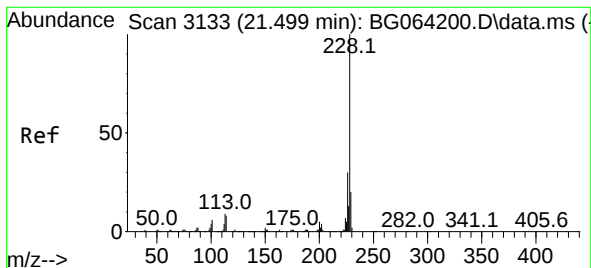
Tgt Ion:228 Resp: 597058
Ion Ratio Lower Upper
228 100
226 26.8 22.2 33.4
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.444 ng
RT: 21.358 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:252 Resp: 207101
Ion Ratio Lower Upper
252 100
254 63.1 50.6 76.0
126 9.6 8.0 12.0





#83

Chrysene

Concen: 40.990 ng

RT: 21.499 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

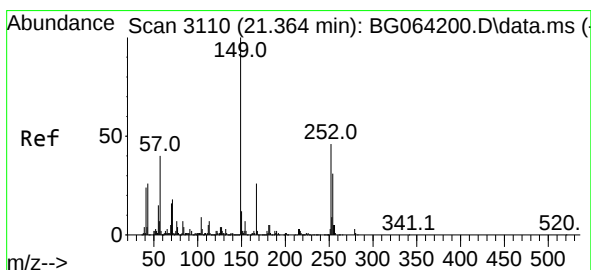
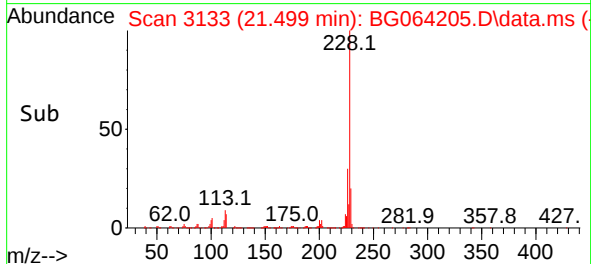
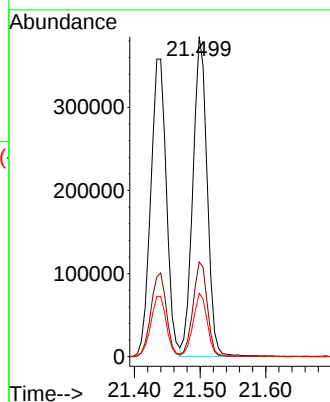
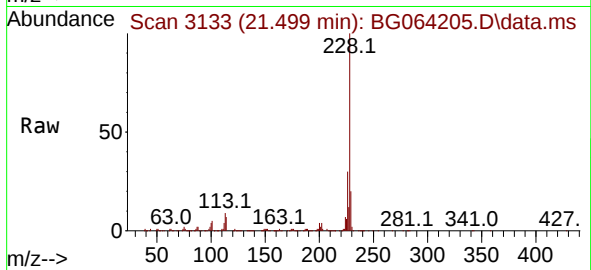
Tgt Ion:228 Resp: 581941

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.813 ng

RT: 21.369 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

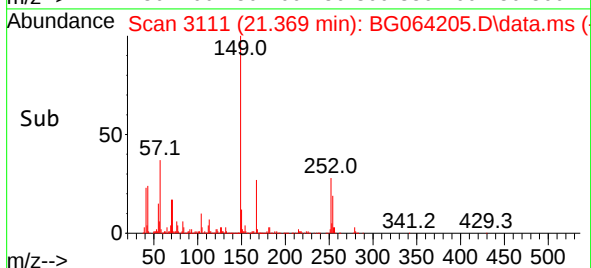
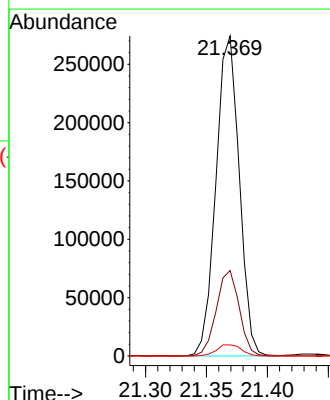
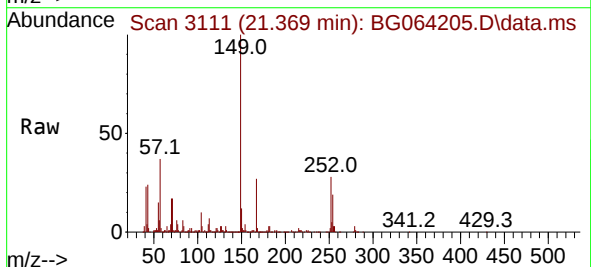
Tgt Ion:149 Resp: 365203

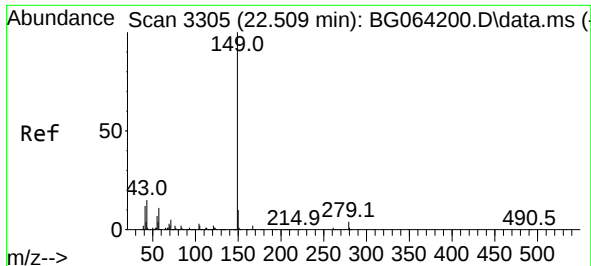
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 3.4 2.7 4.1

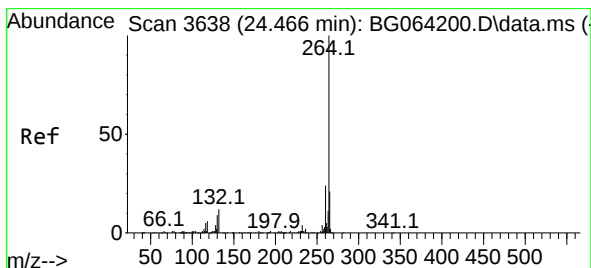
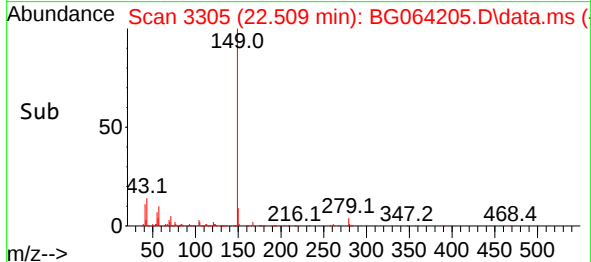
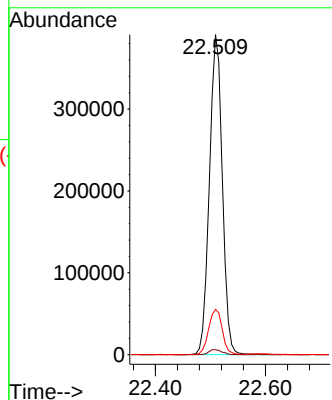
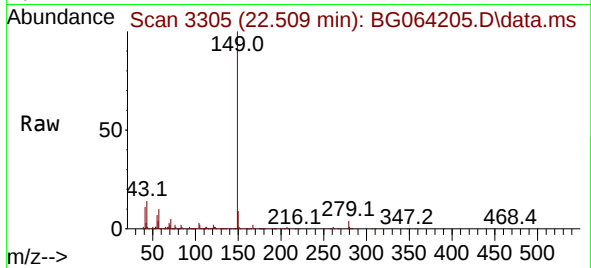




#85
Di-n-octyl phthalate
Concen: 41.990 ng
RT: 22.509 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

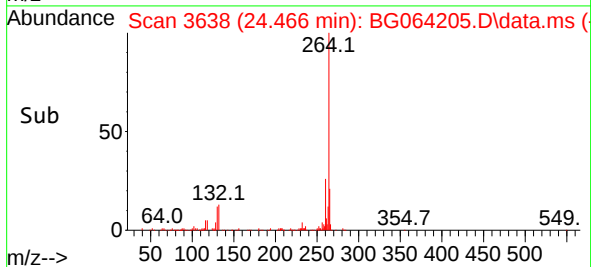
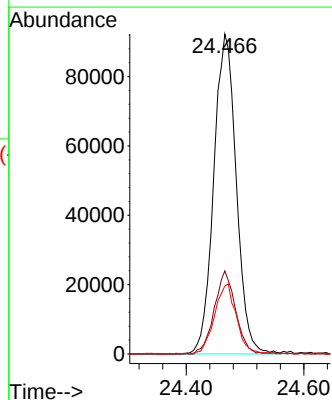
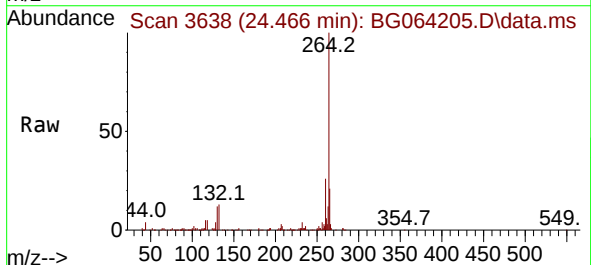
Instrument :
BNA_G
ClientSampleId :
ICVBG040725

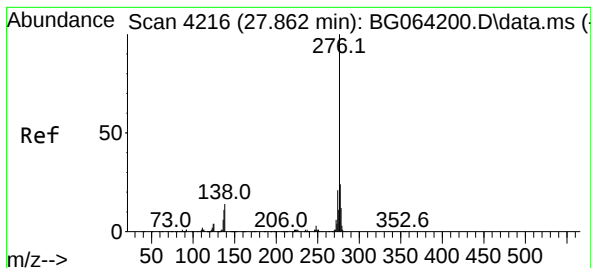
Tgt Ion:149 Resp: 635978
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 15.0 12.0 18.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3638
Delta R.T. -0.000 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:264 Resp: 245417
Ion Ratio Lower Upper
264 100
260 26.0 19.0 28.6
265 21.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.676 ng

RT: 27.862 min Scan# 4216

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

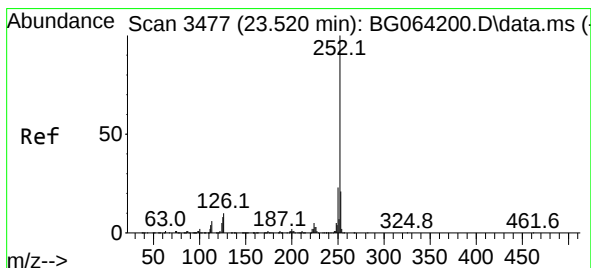
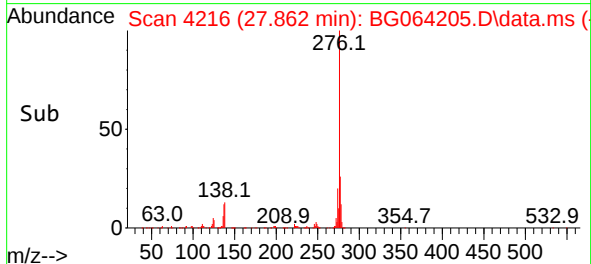
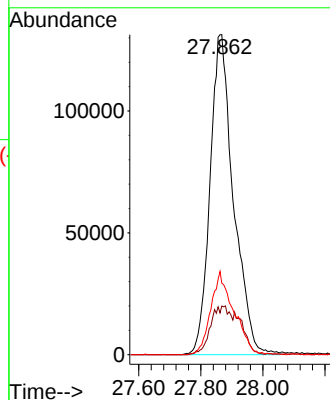
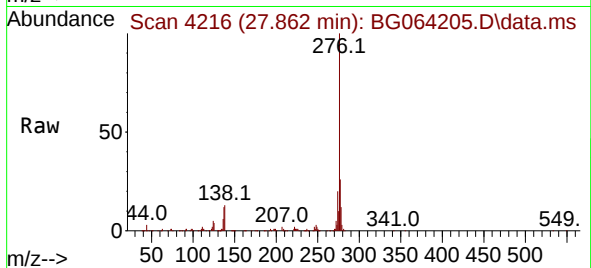
Tgt Ion:276 Resp: 691003

Ion Ratio Lower Upper

276 100

138 13.2 8.7 13.1#

277 25.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 40.155 ng

RT: 23.520 min Scan# 3477

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

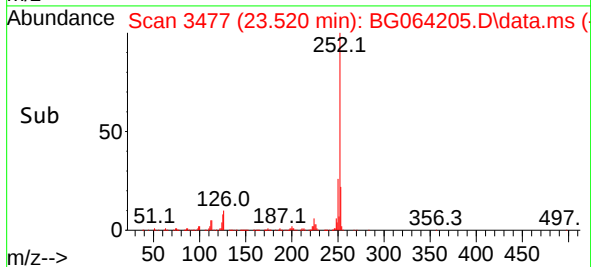
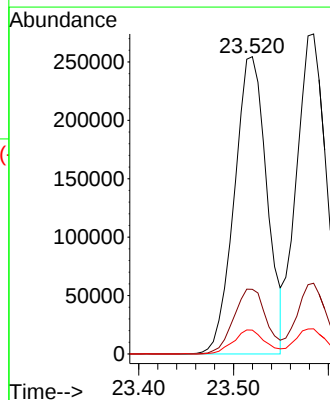
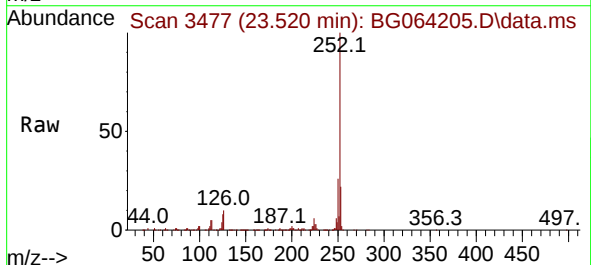
Tgt Ion:252 Resp: 606840

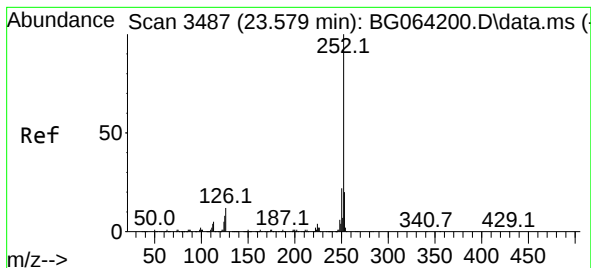
Ion Ratio Lower Upper

252 100

253 21.8 16.6 25.0

125 8.0 6.0 9.0





#89

Benzo(k)fluoranthene

Concen: 40.396 ng

RT: 23.584 min Scan# 3487

Delta R.T. 0.006 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

Instrument :

BNA_G

ClientSampleId :

ICVBG040725

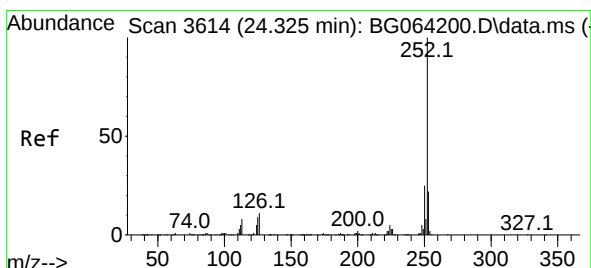
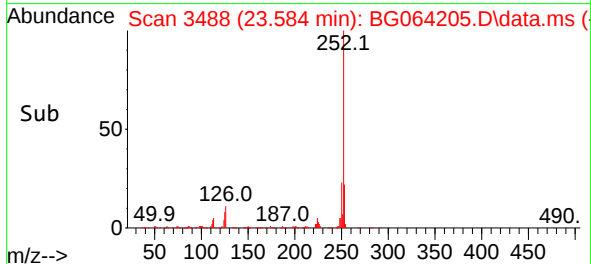
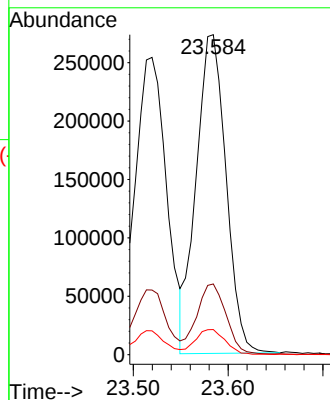
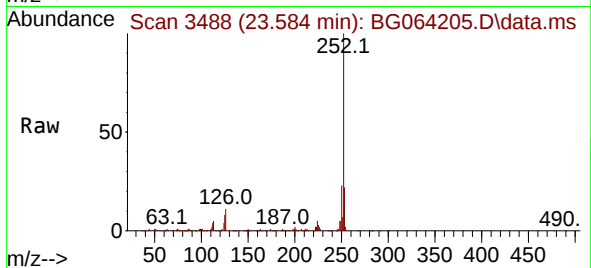
Tgt Ion:252 Resp: 596749

Ion Ratio Lower Upper

252 100

253 22.1 16.5 24.7

125 7.8 6.5 9.7



#90

Benzo(a)pyrene

Concen: 41.061 ng

RT: 24.325 min Scan# 3614

Delta R.T. -0.000 min

Lab File: BG064205.D

Acq: 7 Apr 2025 17:03

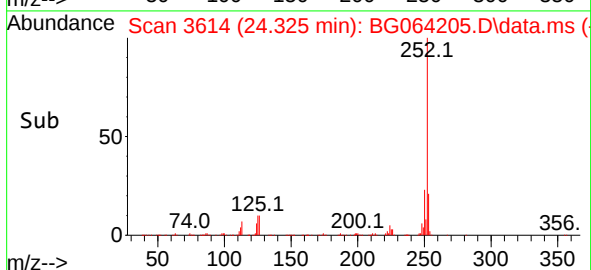
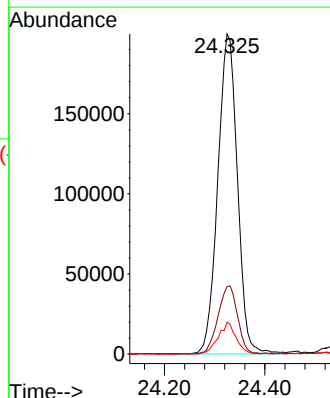
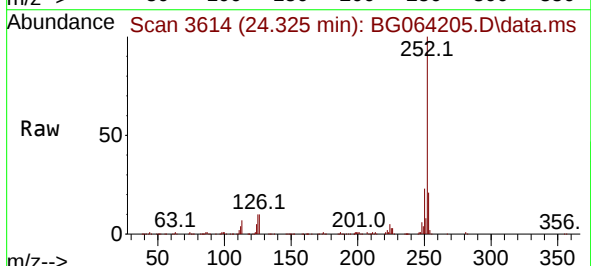
Tgt Ion:252 Resp: 541936

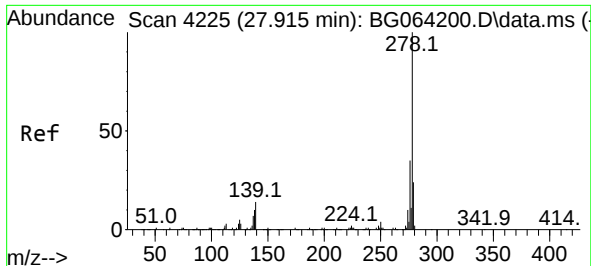
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 10.0 6.9 10.3

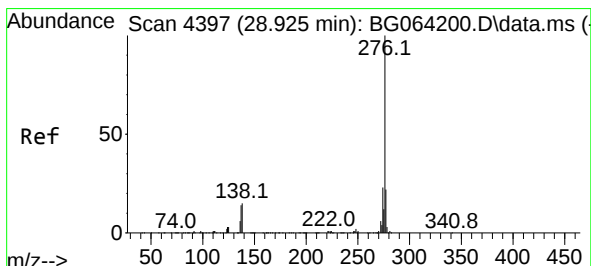
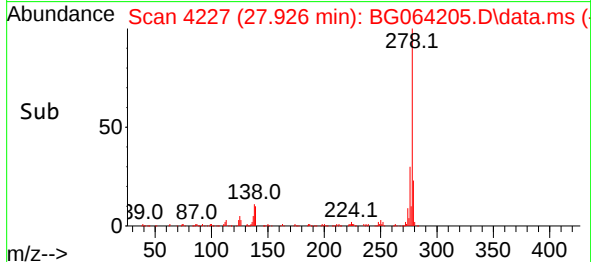
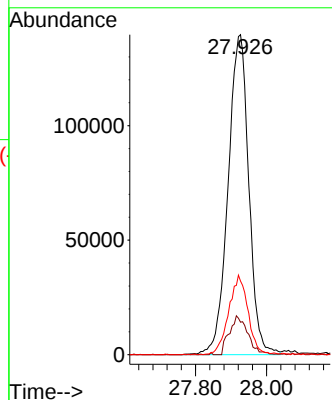
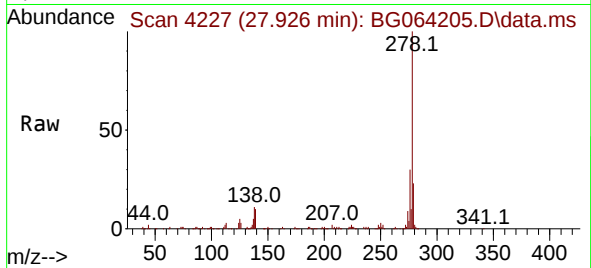




#91
Dibenzo(a,h)anthracene
Concen: 40.418 ng
RT: 27.926 min Scan# 4395
Delta R.T. 0.012 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Instrument :
BNA_G
ClientSampleId :
ICVBG040725

Tgt Ion:278 Resp: 565921
Ion Ratio Lower Upper
278 100
139 10.1 10.9 16.3#
279 23.0 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 41.354 ng
RT: 28.919 min Scan# 4396
Delta R.T. -0.006 min
Lab File: BG064205.D
Acq: 7 Apr 2025 17:03

Tgt Ion:276 Resp: 586024
Ion Ratio Lower Upper
276 100
277 23.5 17.9 26.9
138 15.4 11.9 17.9

