

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058614.D
 Acq On : 4 Aug 2023 16:50
 Operator : MA/JU
 Sample : 03657-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

Quant Time: Aug 04 17:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	51102	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	223947	20.000	ng	0.00
39) Acenaphthene-d10	14.459	164	155384	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	362764	20.000	ng	0.00
76) Chrysene-d12	21.451	240	311373	20.000	ng	0.00
86) Perylene-d12	24.518	264	398422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	328373	98.216	ng	0.00
7) Phenol-d6	6.986	99	457523	98.345	ng	0.00
23) Nitrobenzene-d5	8.977	82	274849	60.291	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	226764	89.037	ng	0.00
45) 2-Fluorobiphenyl	13.078	172	616205	59.430	ng	0.00
79) Terphenyl-d14	19.823	244	1060165	64.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.266	88	54254	33.488	ng	96
3) Pyridine	3.660	79	135635	30.708	ng	98
4) n-Nitrosodimethylamine	3.584	42	75865	40.537	ng	100
6) Aniline	7.138	93	134565	23.493	ng	98
8) 2-Chlorophenol	7.379	128	157689	48.077	ng	97
9) Benzaldehyde	6.950	77	92326	36.528	ng	99
10) Phenol	7.015	94	218626	48.108	ng	99
11) bis(2-Chloroethyl)ether	7.232	93	151505	42.288	ng	98
12) 1,3-Dichlorobenzene	7.702	146	155827	44.492	ng	100
13) 1,4-Dichlorobenzene	7.849	146	158332	45.023	ng	97
14) 1,2-Dichlorobenzene	8.167	146	155774	46.331	ng	99
15) Benzyl Alcohol	8.055	79	144146	48.857	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.337	45	260418	44.747	ng	99
17) 2-Methylphenol	8.261	107	146699	44.149	ng	99
18) Hexachloroethane	8.889	117	58231	45.557	ng	93
19) n-Nitroso-di-n-propyla...	8.619	70	123253	41.016	ng	100
20) 3+4-Methylphenols	8.590	107	204463	45.490	ng	100
22) Acetophenone	8.637	105	245554	40.950	ng	# 99
24) Nitrobenzene	9.018	77	190955	41.203	ng	97
25) Isophorone	9.536	82	363249	38.565	ng	99
26) 2-Nitrophenol	9.729	139	86982	43.116	ng	97
27) 2,4-Dimethylphenol	9.794	122	144627	43.220	ng	98
28) bis(2-Chloroethoxy)met...	10.023	93	209087	40.790	ng	99
29) 2,4-Dichlorophenol	10.270	162	158971	45.754	ng	99
30) 1,2,4-Trichlorobenzene	10.476	180	173164	43.217	ng	100
31) Naphthalene	10.664	128	486695	41.234	ng	99
32) Benzoic acid	9.953	122	113113	44.632	ng	95
33) 4-Chloroaniline	10.781	127	107179	21.492	ng	95
34) Hexachlorobutadiene	10.946	225	106209	41.159	ng	99
35) Caprolactam	11.568	113	45603	35.543	ng	# 92
36) 4-Chloro-3-methylphenol	11.915	107	190138	44.239	ng	97
37) 2-Methylnaphthalene	12.279	142	343021	40.627	ng	98
38) 1-Methylnaphthalene	12.497	142	320729	39.962	ng	99
40) 1,2,4,5-Tetrachloroben...	12.650	216	202757	42.503	ng	100
41) Hexachlorocyclopentadiene	12.626	237	121495	56.976	ng	98
43) 2,4,6-Trichlorophenol	12.896	196	144502	44.040	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080423\
 Data File : BG058614.D
 Acq On : 4 Aug 2023 16:50
 Operator : MA/JU
 Sample : 03657-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

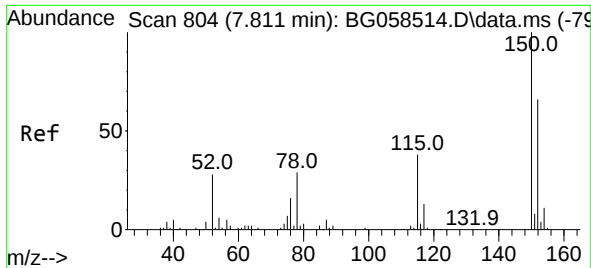
Quant Time: Aug 04 17:28:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.973	196	158799	41.089	ng	99
46) 1,1'-Biphenyl	13.290	154	446056	41.801	ng	100
47) 2-Chloronaphthalene	13.337	162	360902	43.376	ng	99
48) 2-Nitroaniline	13.543	65	138894	43.736	ng	98
49) Acenaphthylene	14.183	152	583518	41.889	ng	100
50) Dimethylphthalate	13.919	163	522819	44.801	ng	99
51) 2,6-Dinitrotoluene	14.042	165	107320	41.913	ng	95
52) Acenaphthene	14.524	154	337968	41.989	ng	98
53) 3-Nitroaniline	14.371	138	79560	31.056	ng	100
54) 2,4-Dinitrophenol	14.588	184	56635	43.050	ng	98
55) Dibenzofuran	14.859	168	569336	41.164	ng	100
56) 4-Nitrophenol	14.694	139	171432	89.880	ng	98
57) 2,4-Dinitrotoluene	14.835	165	150461	42.385	ng	99
58) Fluorene	15.511	166	453897	41.311	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.088	232	144577	43.840	ng	98
60) Diethylphthalate	15.282	149	476116	40.048	ng	100
61) 4-Chlorophenyl-phenyle...	15.499	204	251287	41.023	ng	100
62) 4-Nitroaniline	15.540	138	102389	42.191	ng	97
63) Azobenzene	15.793	77	478481	40.862	ng	99
65) 4,6-Dinitro-2-methylph...	15.599	198	66236	33.114	ng	96
66) n-Nitrosodiphenylamine	15.722	169	398205	42.175	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	171249	41.621	ng	97
68) Hexachlorobenzene	16.516	284	193297	44.334	ng	99
69) Atrazine	16.668	200	162797	51.077	ng	100
70) Pentachlorophenol	16.862	266	201888	76.502	ng	98
71) Phenanthrene	17.250	178	715000	41.560	ng	99
72) Anthracene	17.338	178	730416	41.377	ng	100
73) Carbazole	17.614	167	680320	43.704	ng	99
74) Di-n-butylphthalate	18.167	149	842406	43.205	ng	99
75) Fluoranthene	19.265	202	855068	41.377	ng	99
77) Benzidine	19.447	184	221511	46.914	ng	96
78) Pyrene	19.624	202	886920	41.854	ng	99
80) Butylbenzylphthalate	20.511	149	374944	43.076	ng	99
81) Benzo(a)anthracene	21.427	228	911945	42.558	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	244801	33.788	ng	100
83) Chrysene	21.492	228	842807	41.022	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	547379	43.034	ng	98
85) Di-n-octyl phthalate	22.485	149	969206	43.340	ng	100
87) Indeno(1,2,3-cd)pyrene	28.026	276	1117494	42.160	ng	# 88
88) Benzo(b)fluoranthene	23.549	252	968802	44.832	ng	100
89) Benzo(k)fluoranthene	23.613	252	958189	44.138	ng	100
90) Benzo(a)pyrene	24.377	252	859676	40.509	ng	98
91) Dibenzo(a,h)anthracene	28.067	278	939585	42.871	ng	99
92) Benzo(g,h,i)perylene	29.107	276	826032	37.586	ng	97

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

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

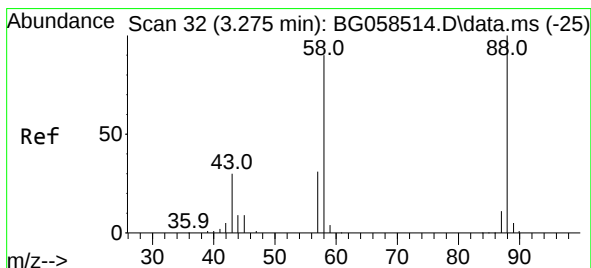
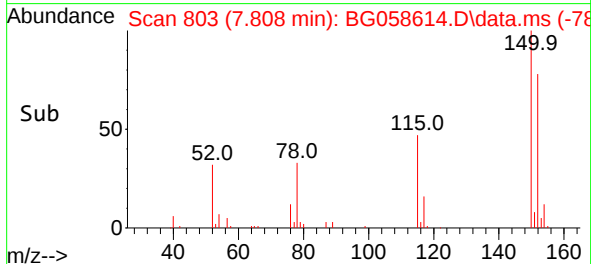
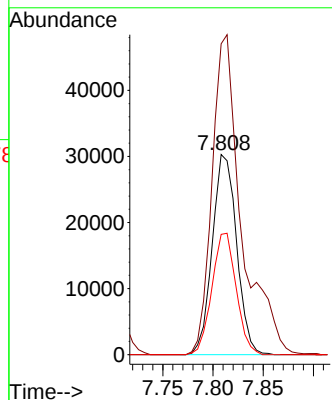
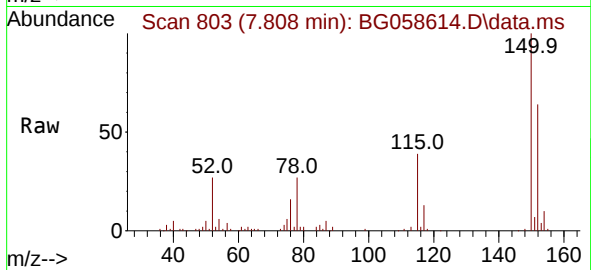
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

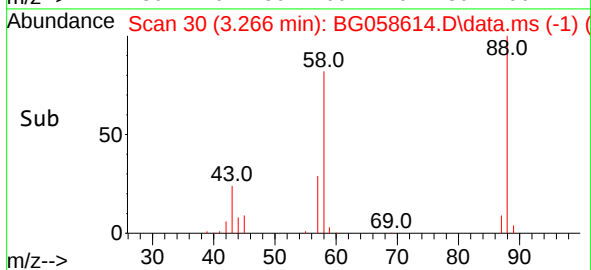
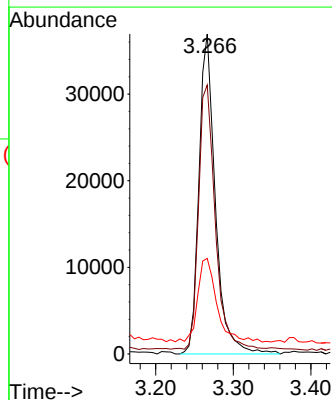
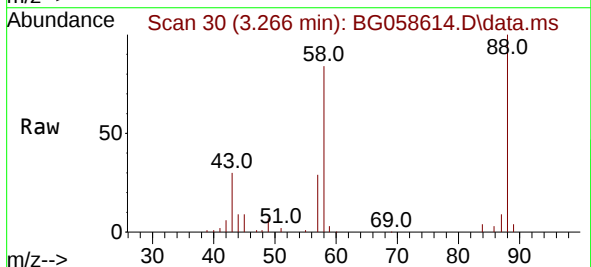
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

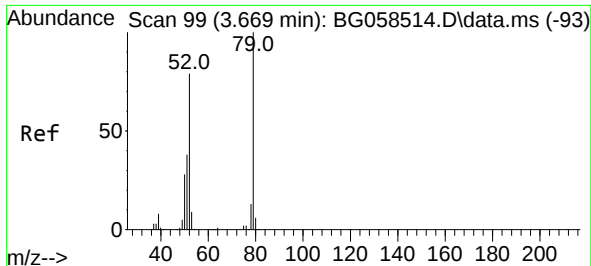
Tgt Ion:152 Resp: 51102
Ion Ratio Lower Upper
152 100
150 155.4 120.5 180.7
115 60.1 45.9 68.9



#2
1,4-Dioxane
Concen: 33.488 ng
RT: 3.266 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 88 Resp: 54254
Ion Ratio Lower Upper
88 100
58 82.2 68.9 103.3
43 30.3 22.9 34.3



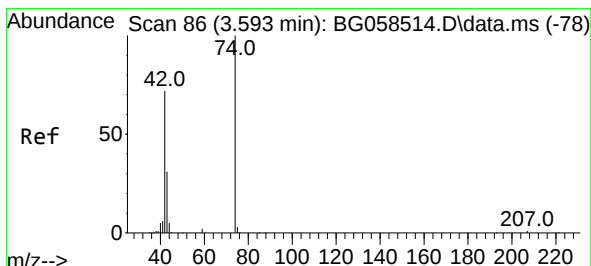
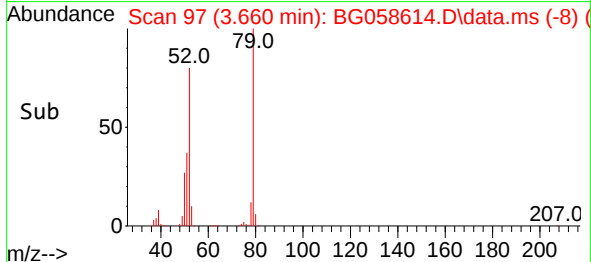
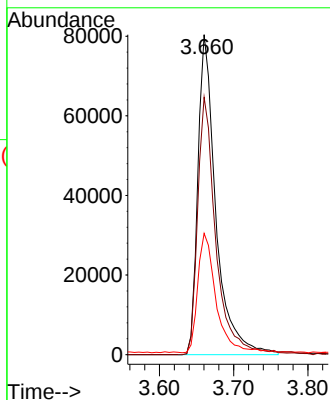
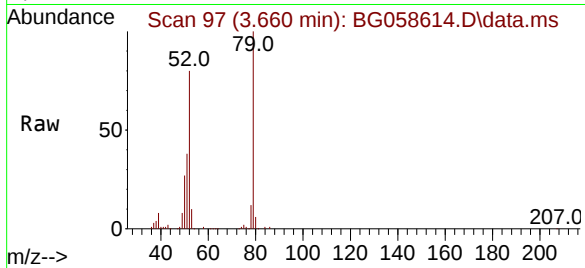


#3
 Pyridine
 Concen: 30.708 ng
 RT: 3.660 min Scan# 91
 Delta R.T. -0.009 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

Tgt Ion: 79 Resp: 135635

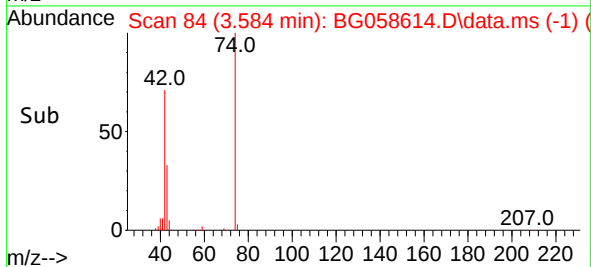
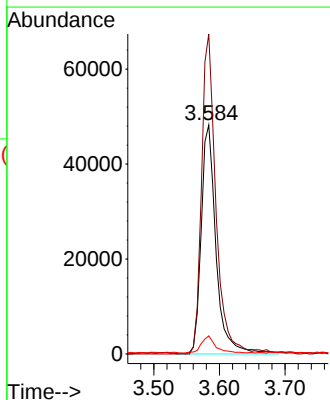
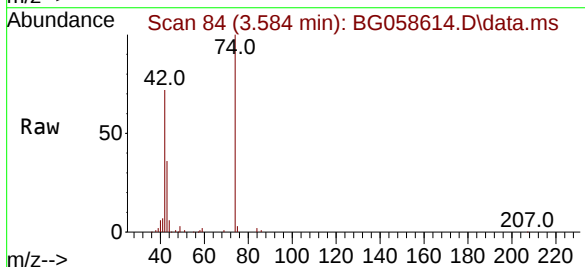
Ion	Ratio	Lower	Upper
79	100		
52	80.5	63.2	94.8
51	37.9	31.9	47.9



#4
 n-Nitrosodimethylamine
 Concen: 40.537 ng
 RT: 3.584 min Scan# 84
 Delta R.T. -0.009 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

Tgt Ion: 42 Resp: 75865

Ion	Ratio	Lower	Upper
42	100		
74	139.8	111.5	167.3
44	7.9	5.4	8.2

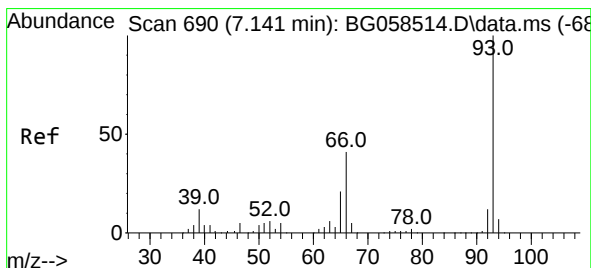
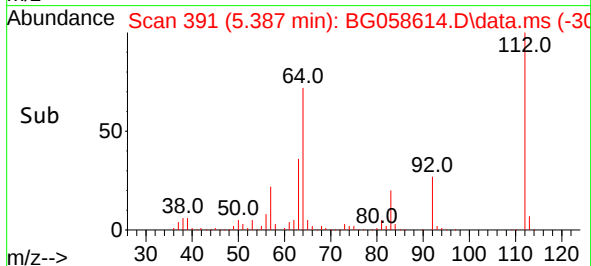
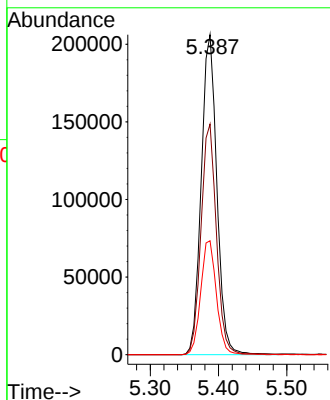
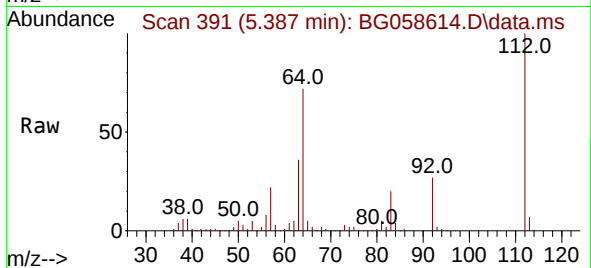




#5
2-Fluorophenol
Concen: 98.216 ng
RT: 5.387 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

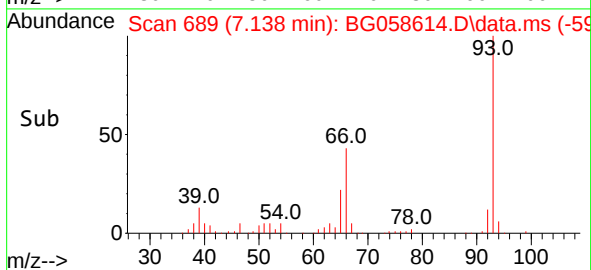
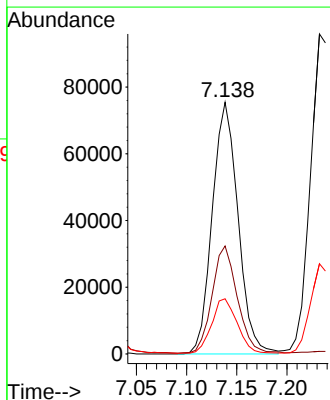
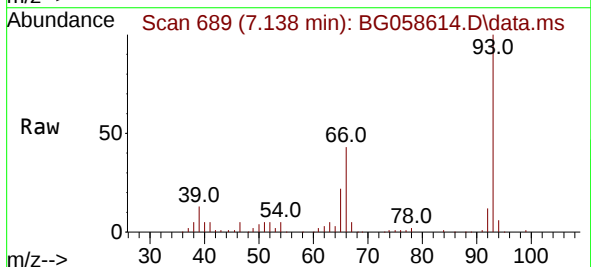
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion:112 Resp: 328373
Ion Ratio Lower Upper
112 100
64 72.0 55.3 82.9
63 35.6 28.3 42.5



#6
Aniline
Concen: 23.493 ng
RT: 7.138 min Scan# 689
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 93 Resp: 134565
Ion Ratio Lower Upper
93 100
66 42.9 33.1 49.7
65 21.9 17.0 25.4

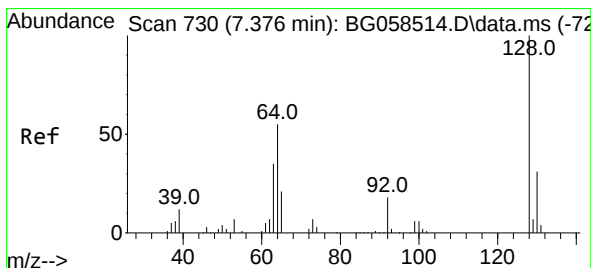
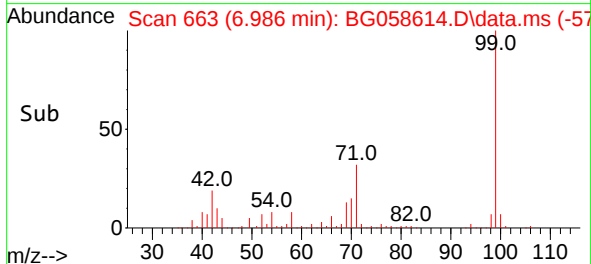
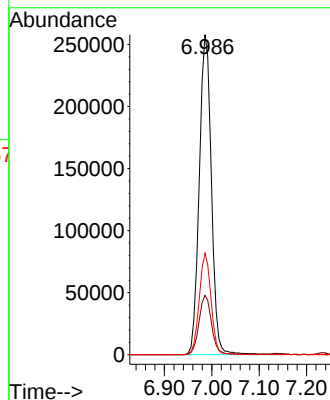
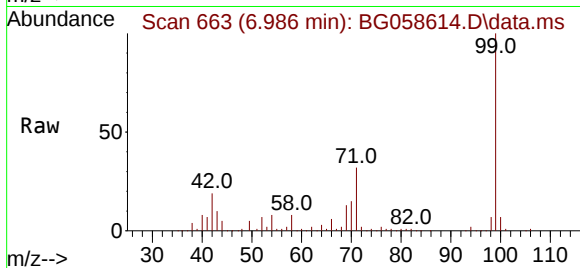




#7
Phenol-d6
Concen: 98.345 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

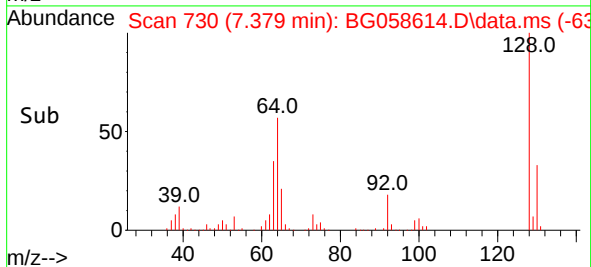
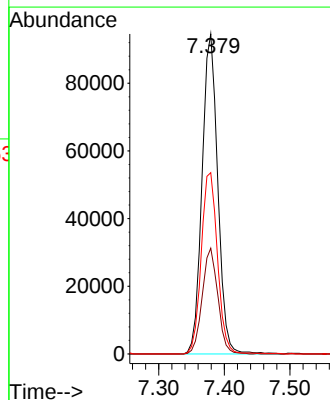
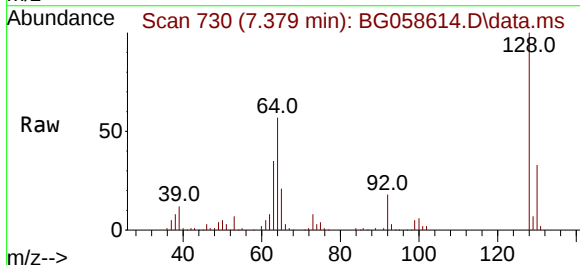
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

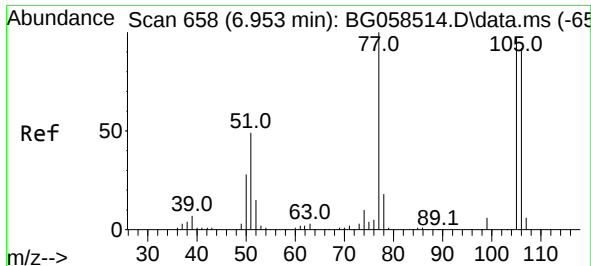
Tgt Ion: 99 Resp: 457523
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 31.7 25.0 37.4



#8
2-Chlorophenol
Concen: 48.077 ng
RT: 7.379 min Scan# 730
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:128 Resp: 157689
Ion Ratio Lower Upper
128 100
130 33.1 10.9 50.9
64 56.6 39.0 79.0

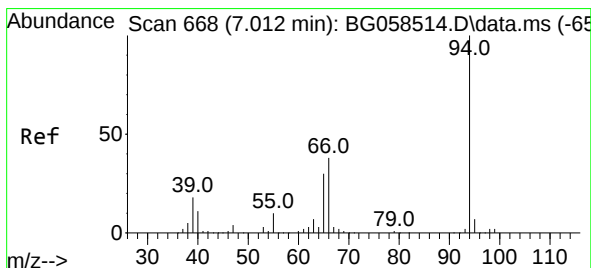
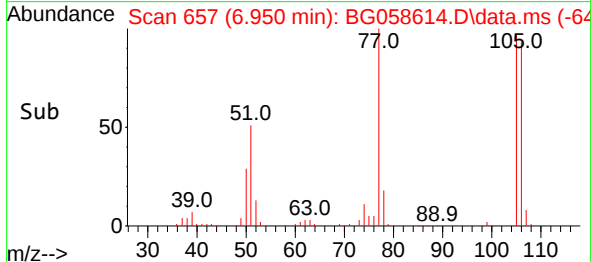
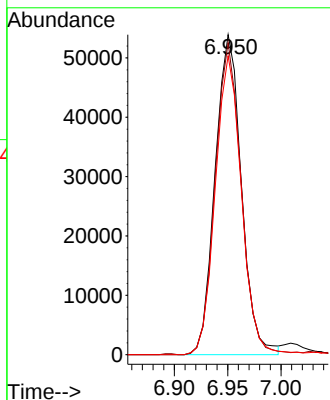
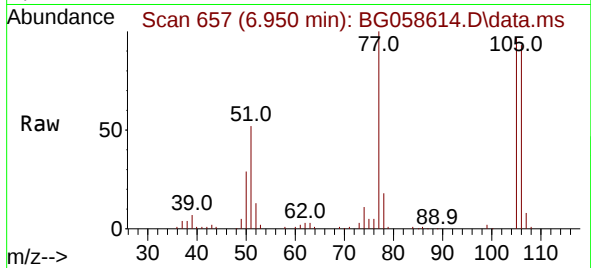




#9
Benzaldehyde
Concen: 36.528 ng
RT: 6.950 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

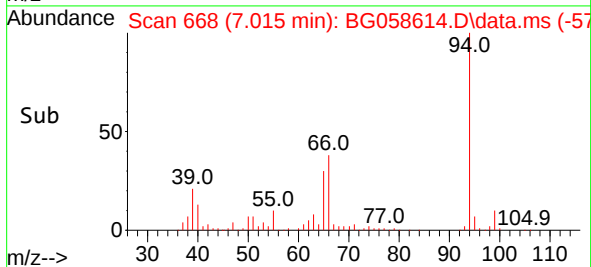
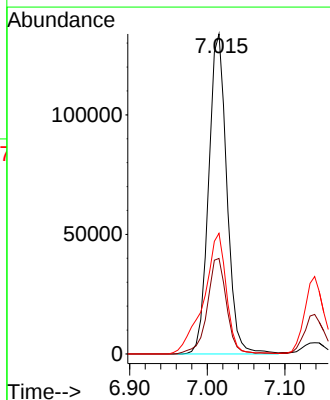
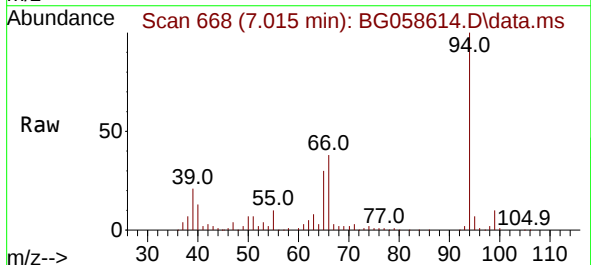
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion:	77	Resp:	92326
Ion	Ratio	Lower	Upper
77	100		
105	97.5	77.1	117.1
106	93.4	71.6	111.6



#10
Phenol
Concen: 48.108 ng
RT: 7.015 min Scan# 668
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	94	Resp:	218626
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.4	50.4
66	37.7	18.7	58.7

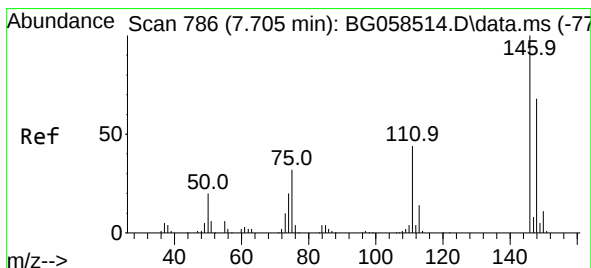
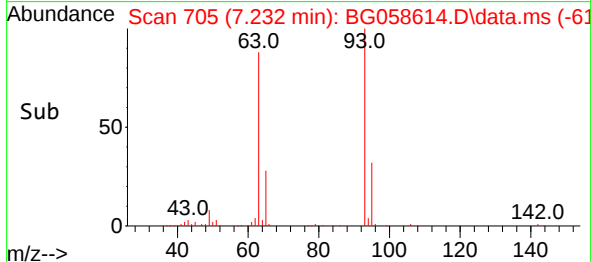
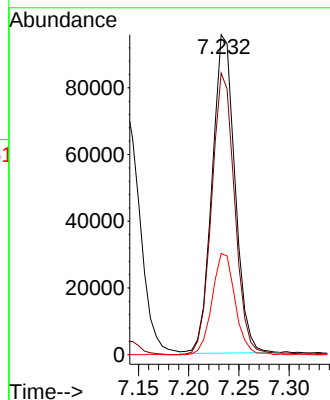
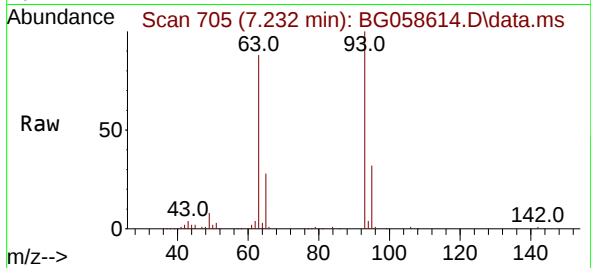




#11
bis(2-Chloroethyl)ether
Concen: 42.288 ng
RT: 7.232 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

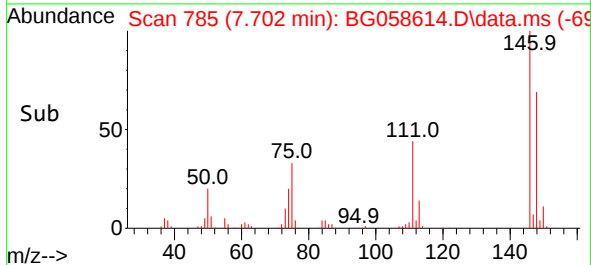
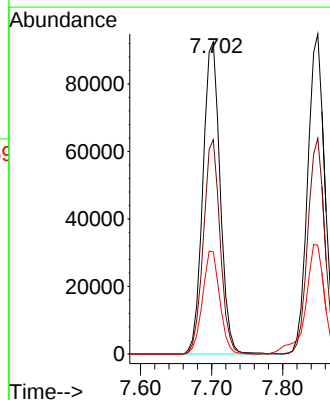
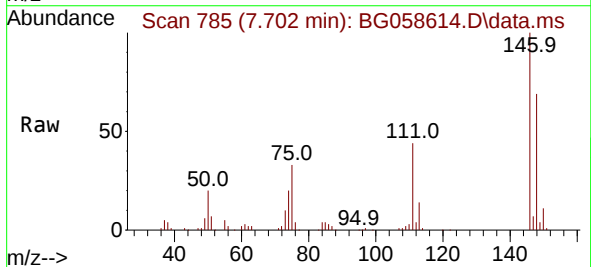
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion: 93 Resp: 151505
Ion Ratio Lower Upper
93 100
63 88.0 65.5 105.5
95 31.6 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 44.492 ng
RT: 7.702 min Scan# 785
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 146 Resp: 155827
Ion Ratio Lower Upper
146 100
148 68.7 54.7 82.1
75 32.7 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 45.023 ng

RT: 7.849 min Scan# 811

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

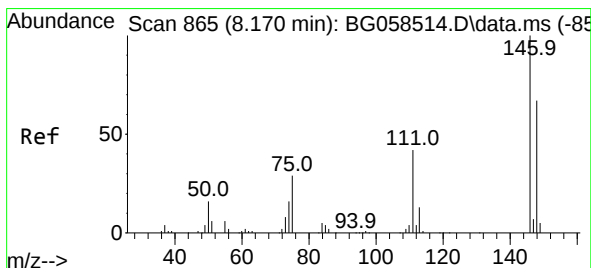
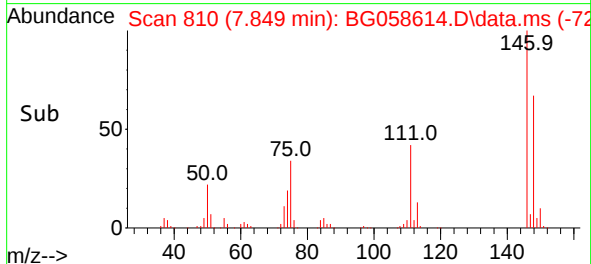
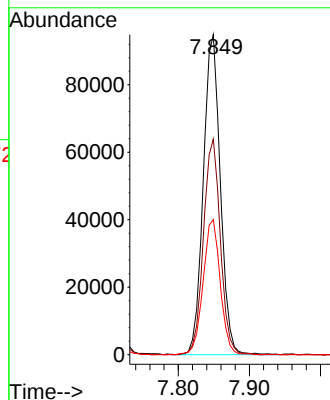
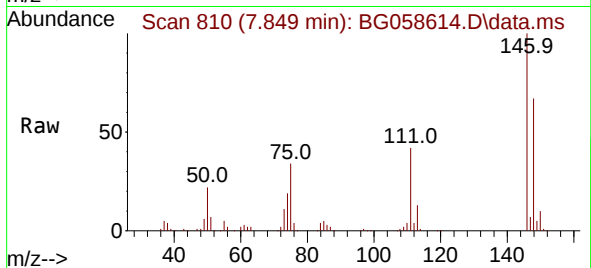
Tgt Ion:146 Resp: 158332

Ion Ratio Lower Upper

146 100

148 67.4 52.8 79.2

111 42.2 31.7 47.5



#14

1,2-Dichlorobenzene

Concen: 46.331 ng

RT: 8.167 min Scan# 864

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

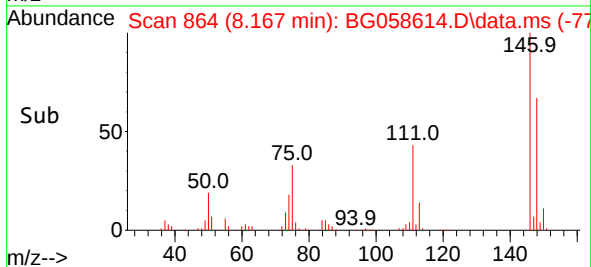
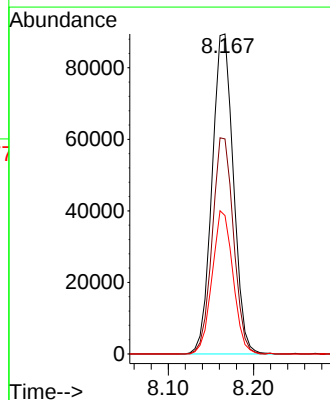
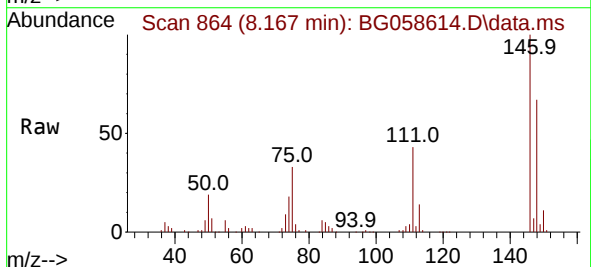
Tgt Ion:146 Resp: 155774

Ion Ratio Lower Upper

146 100

148 67.2 53.4 80.2

111 43.2 34.2 51.2

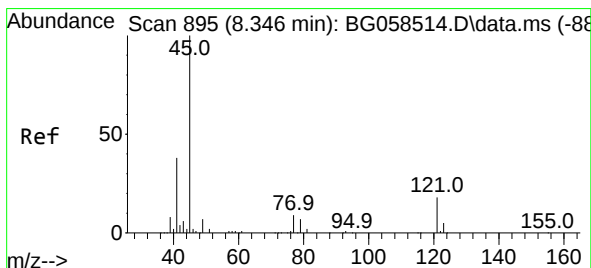
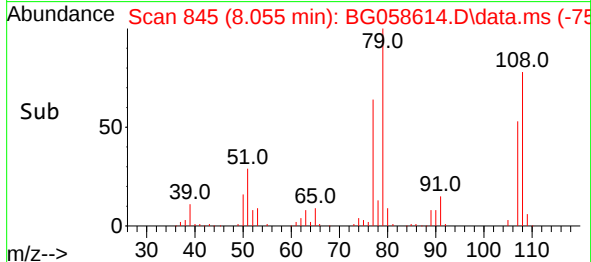
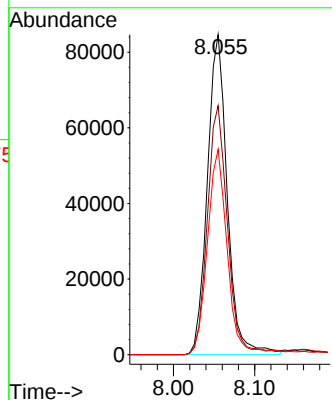
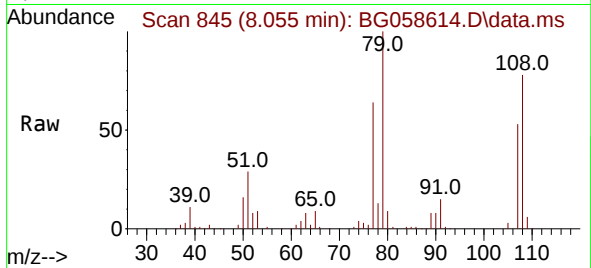




#15
Benzyl Alcohol
Concen: 48.857 ng
RT: 8.055 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

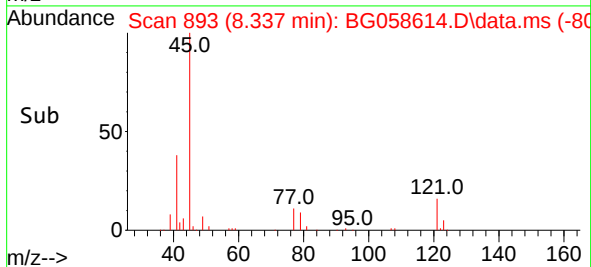
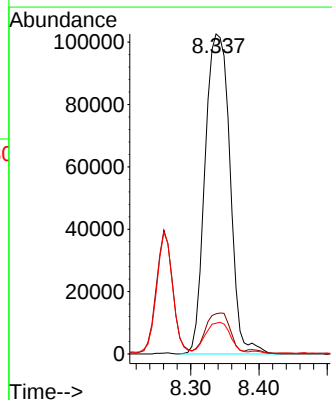
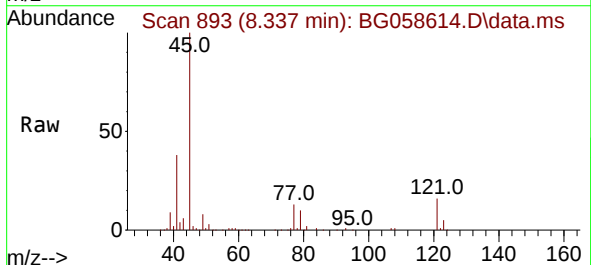
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

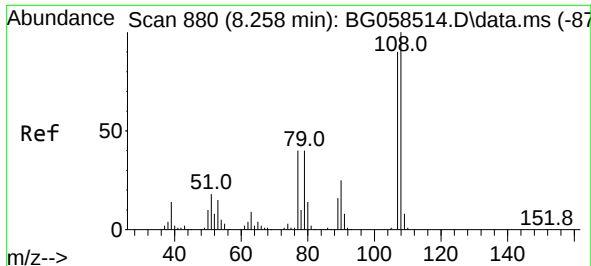
Tgt Ion:	79	Resp:	144146
Ion Ratio	Lower	Upper	
79	100		
108	77.8	63.8	95.6
77	64.1	49.8	74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.747 ng
RT: 8.337 min Scan# 893
Delta R.T. -0.009 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	45	Resp:	260418
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.6
79	9.6	0.0	30.2





#17

2-Methylphenol

Concen: 44.149 ng

RT: 8.261 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

Tgt Ion:107 Resp: 146699

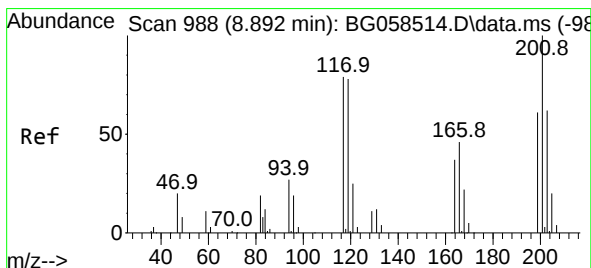
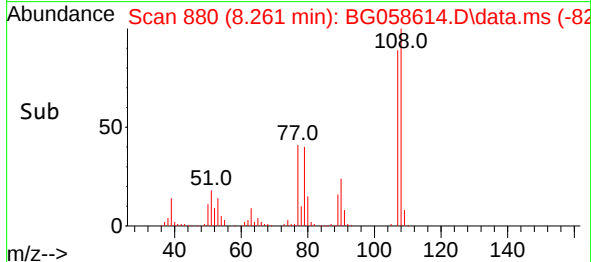
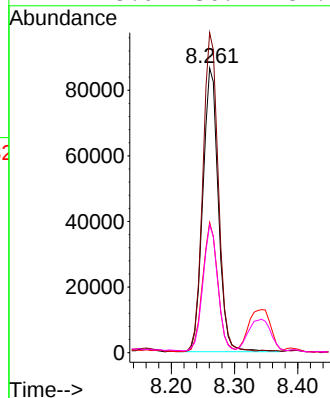
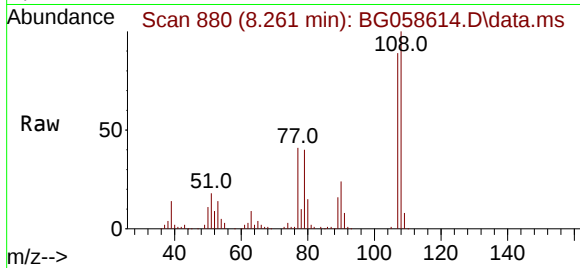
Ion Ratio Lower Upper

107 100

108 112.4 89.1 133.7

77 45.7 36.2 54.4

79 45.0 36.1 54.1



#18

Hexachloroethane

Concen: 45.557 ng

RT: 8.889 min Scan# 987

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

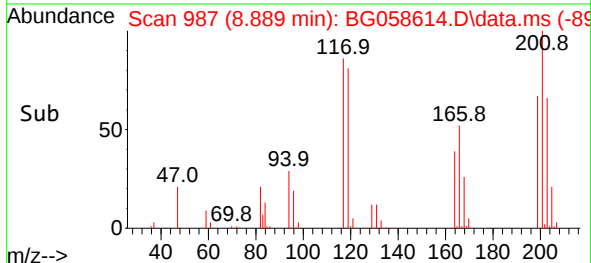
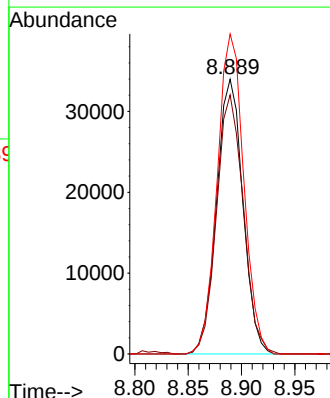
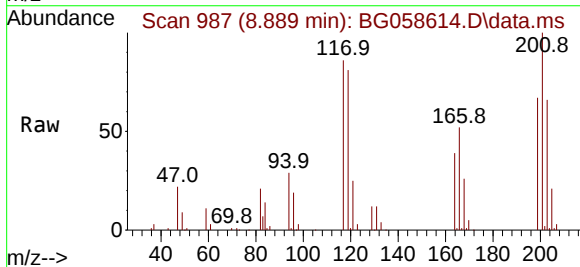
Tgt Ion:117 Resp: 58231

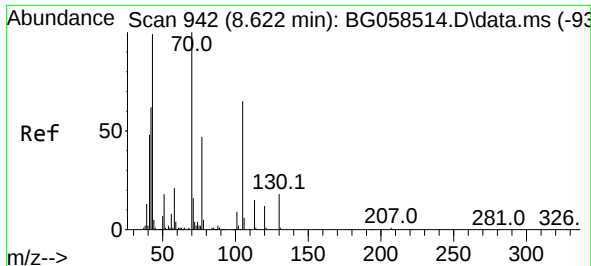
Ion Ratio Lower Upper

117 100

119 94.3 78.6 117.8

201 116.5 101.4 152.0



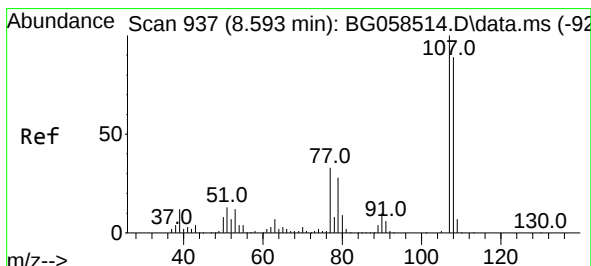
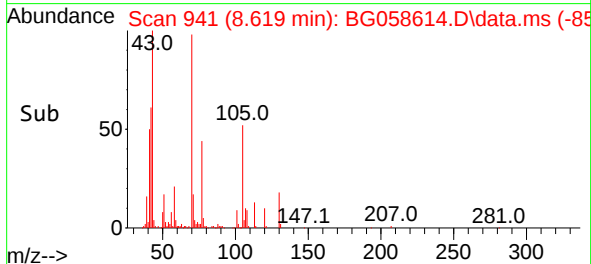
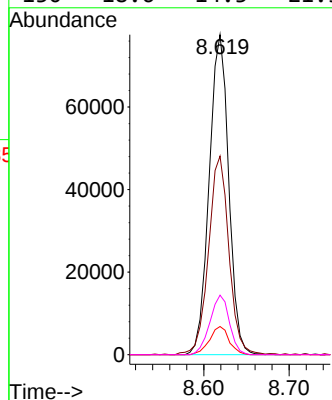
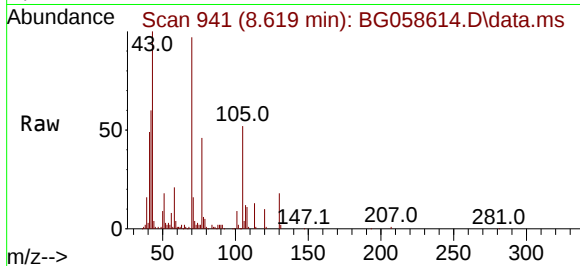


#19
n-Nitroso-di-n-propylamine
Concen: 41.016 ng
RT: 8.619 min Scan# 941
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion: 70 Resp: 123253

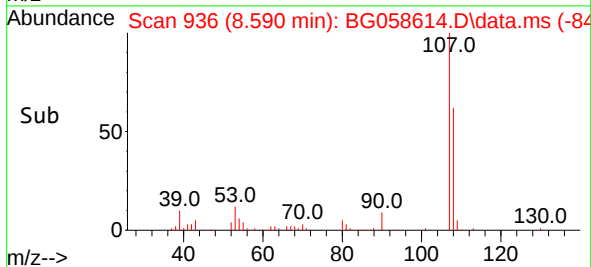
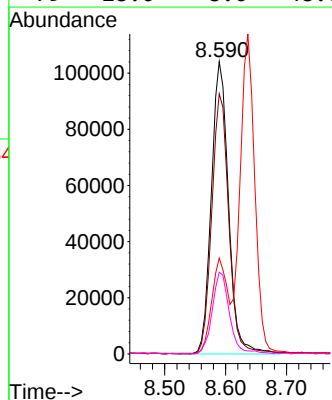
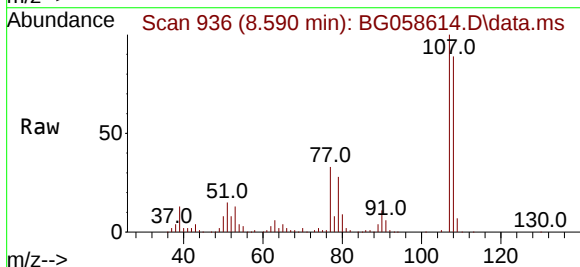
Ion	Ratio	Lower	Upper
70	100		
42	62.0	49.7	74.5
101	8.8	7.0	10.4
130	18.6	14.3	21.5

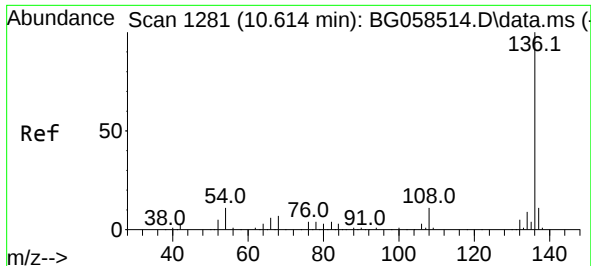


#20
3+4-Methylphenols
Concen: 45.490 ng
RT: 8.590 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 107 Resp: 204463

Ion	Ratio	Lower	Upper
107	100		
108	89.0	69.4	109.4
77	32.8	13.0	53.0
79	28.0	8.0	48.0

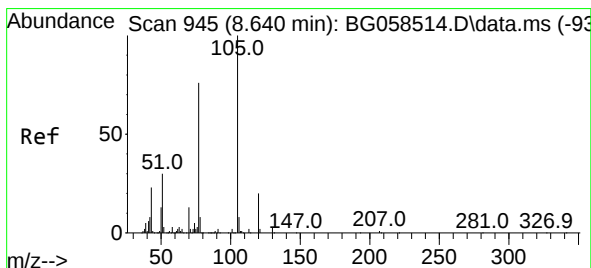
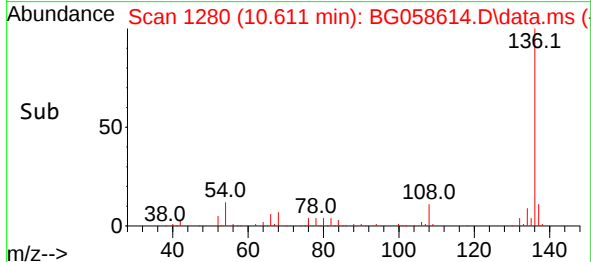
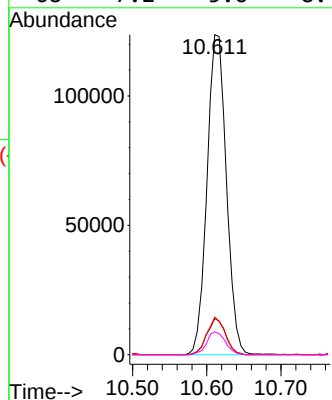
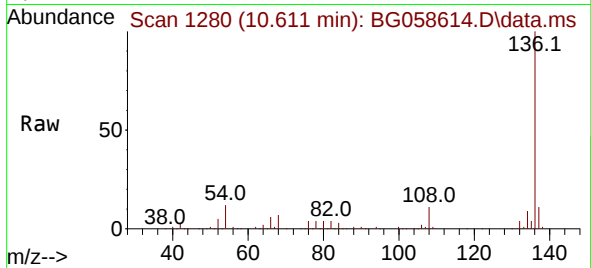




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

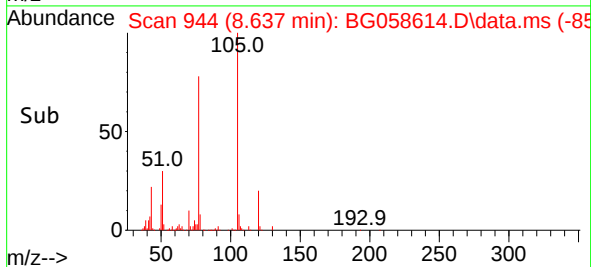
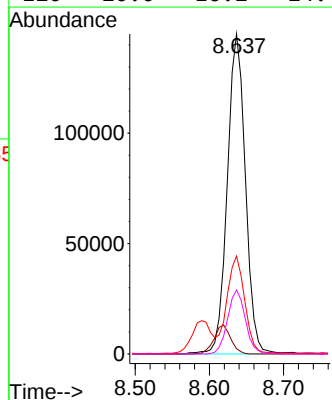
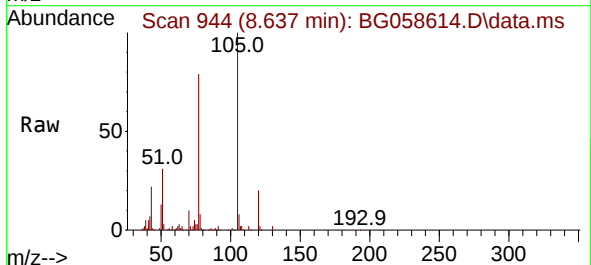
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion:	136	Resp:	223947
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	11.8	8.9	13.3
68	7.2	5.6	8.4



#22
Acetophenone
Concen: 40.950 ng
RT: 8.637 min Scan# 944
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	105	Resp:	245554
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.8	2.6
51	30.6	24.2	36.2
120	20.0	16.2	24.4

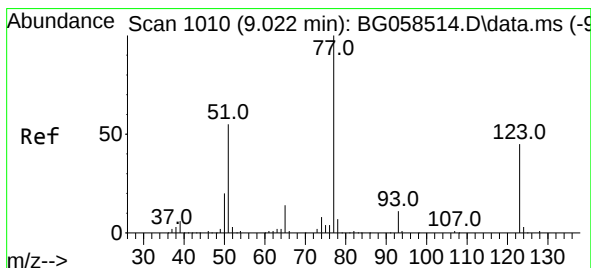
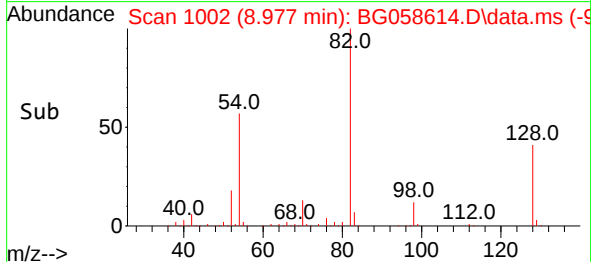
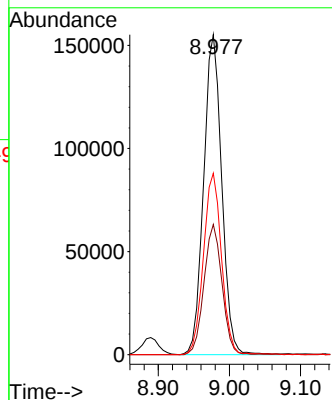
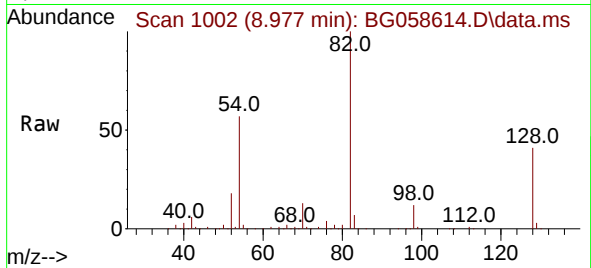




#23
Nitrobenzene-d5
Concen: 60.291 ng
RT: 8.977 min Scan# 1000
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

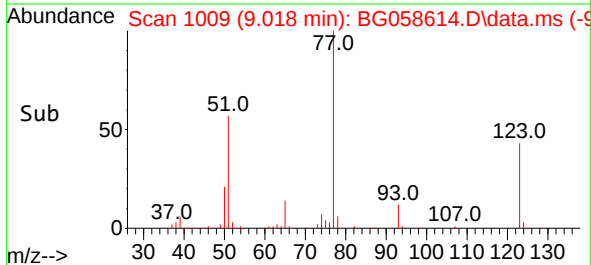
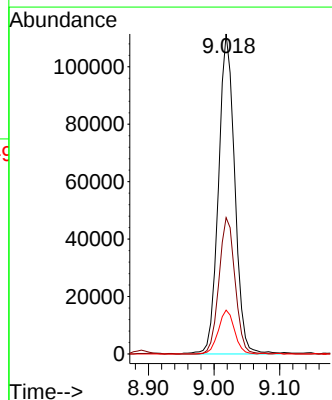
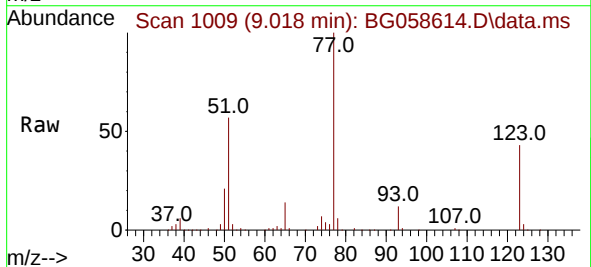
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

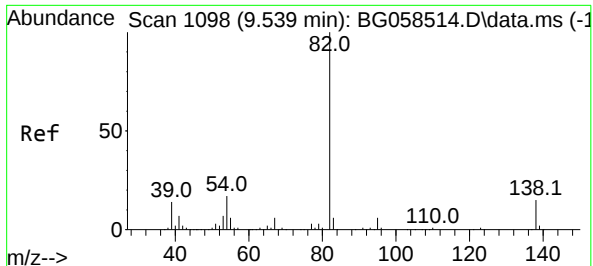
Tgt Ion: 82 Resp: 274849
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 56.7 46.0 69.0



#24
Nitrobenzene
Concen: 41.203 ng
RT: 9.018 min Scan# 1009
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 77 Resp: 190955
Ion Ratio Lower Upper
77 100
123 42.6 35.6 53.4
65 13.7 11.4 17.0

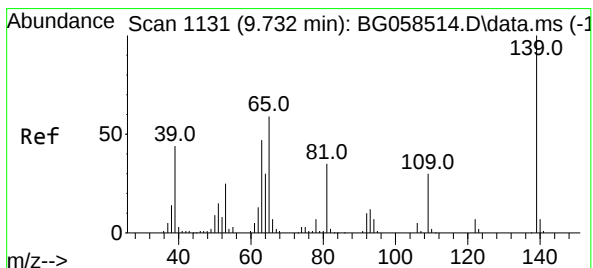
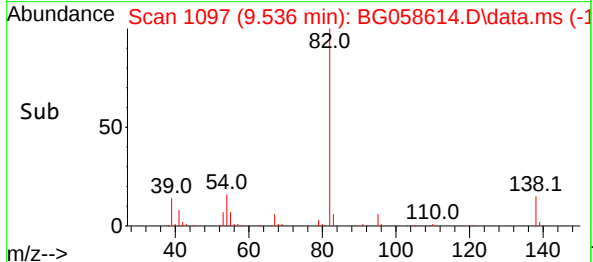
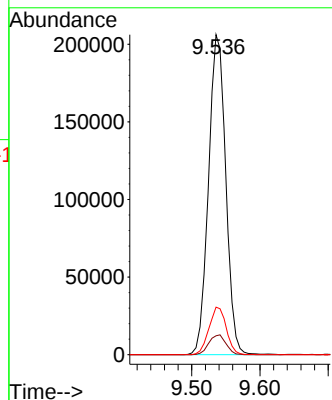
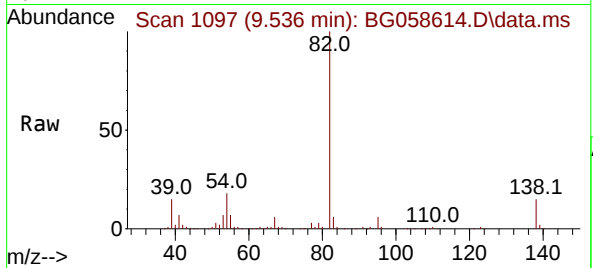




#25
Isophorone
Concen: 38.565 ng
RT: 9.536 min Scan# 1109
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

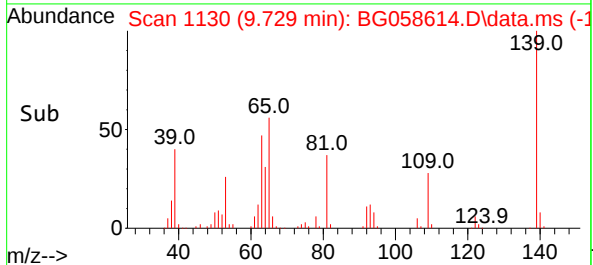
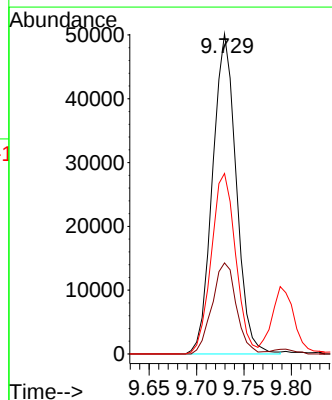
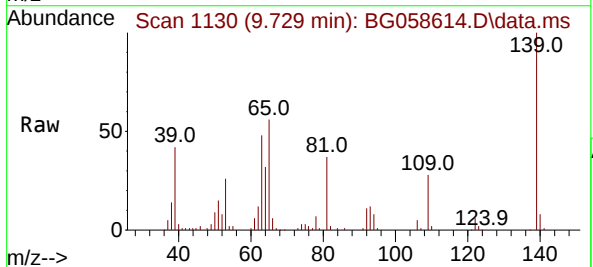
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion: 82 Resp: 363249
Ion Ratio Lower Upper
82 100
95 5.9 5.1 7.7
138 14.8 11.9 17.9



#26
2-Nitrophenol
Concen: 43.116 ng
RT: 9.729 min Scan# 1130
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 139 Resp: 86982
Ion Ratio Lower Upper
139 100
109 28.4 24.2 36.2
65 56.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 43.220 ng

RT: 9.794 min Scan# 1141

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

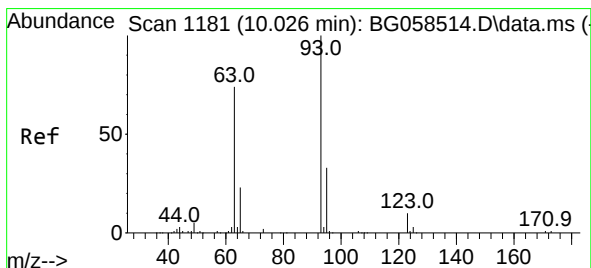
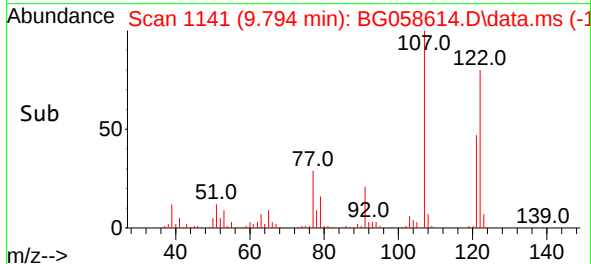
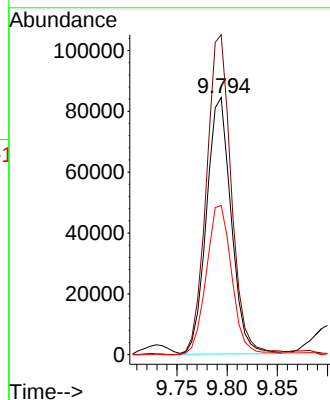
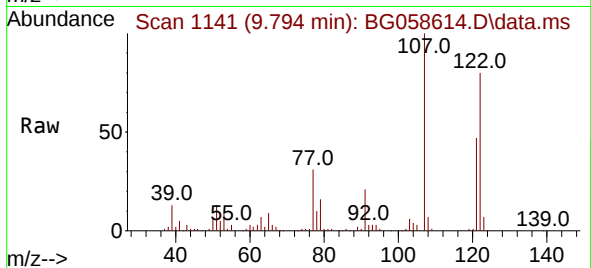
Tgt Ion:122 Resp: 144627

Ion Ratio Lower Upper

122 100

107 124.4 98.0 147.0

121 58.0 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 40.790 ng

RT: 10.023 min Scan# 1180

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

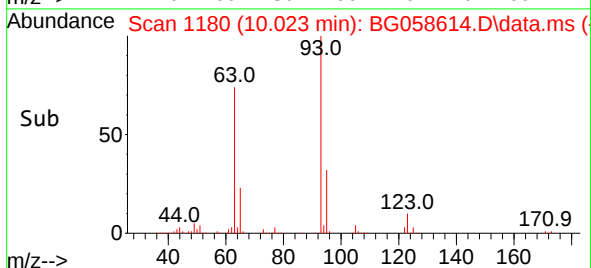
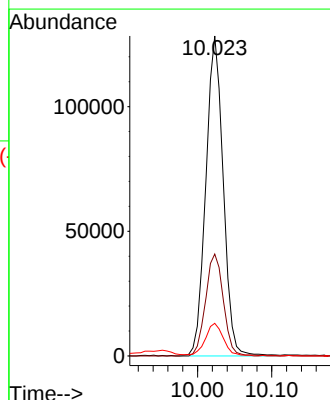
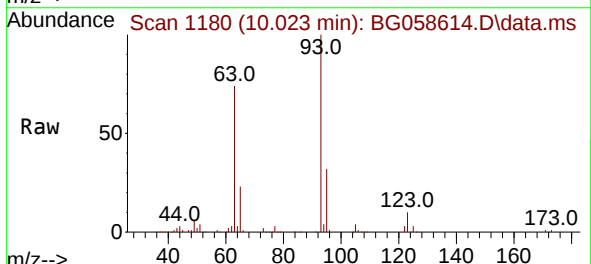
Tgt Ion: 93 Resp: 209087

Ion Ratio Lower Upper

93 100

95 31.8 26.0 39.0

123 10.2 7.8 11.8





#29

2,4-Dichlorophenol

Concen: 45.754 ng

RT: 10.270 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

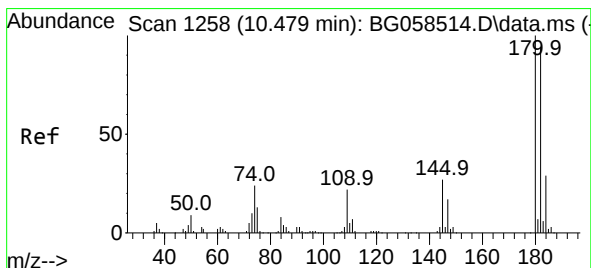
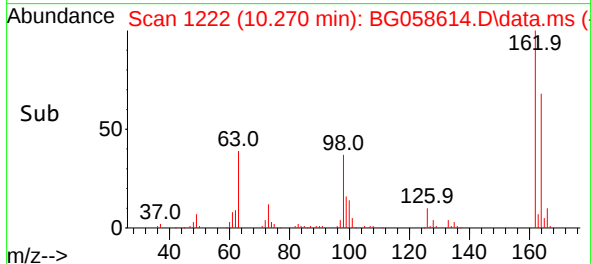
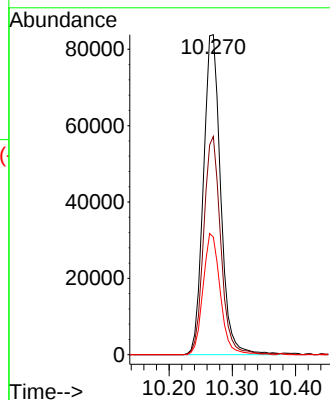
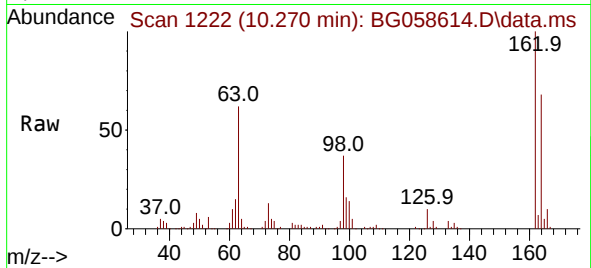
Tgt Ion:162 Resp: 158971

Ion Ratio Lower Upper

162 100

164 68.2 47.6 87.6

98 36.7 17.1 57.1



#30

1,2,4-Trichlorobenzene

Concen: 43.217 ng

RT: 10.476 min Scan# 1257

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

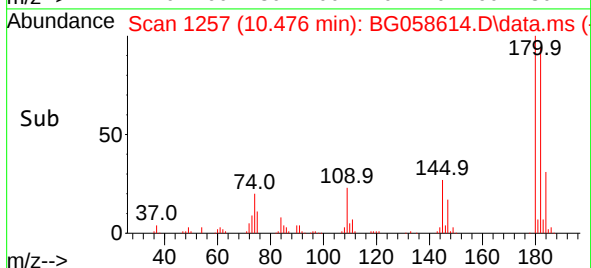
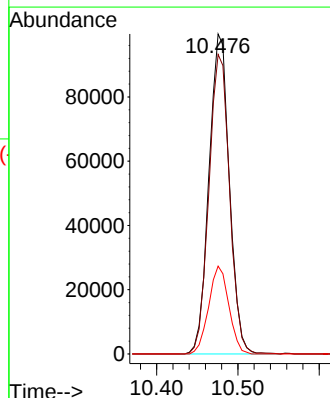
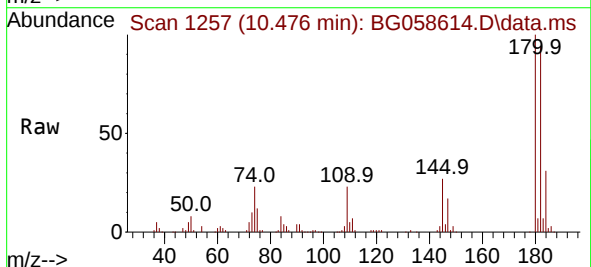
Tgt Ion:180 Resp: 173164

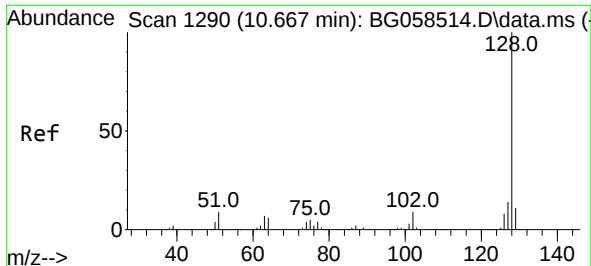
Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.4

145 27.5 21.9 32.9

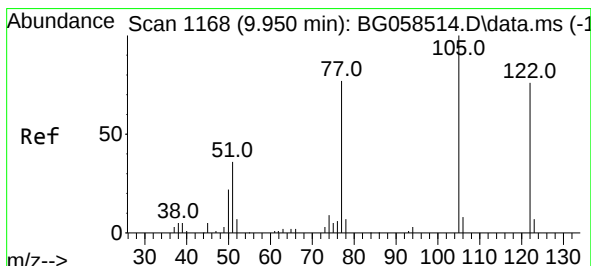
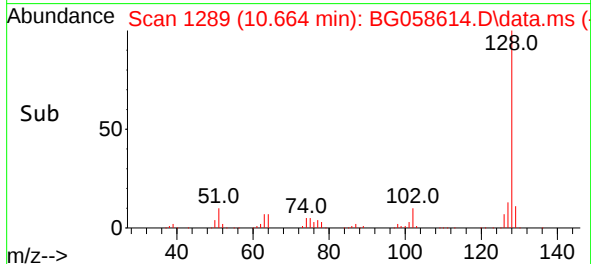
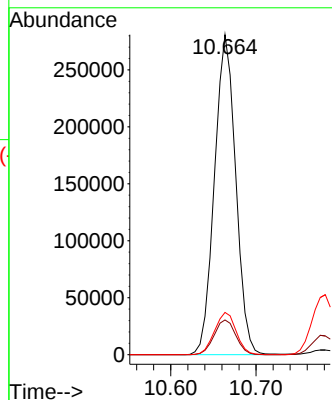
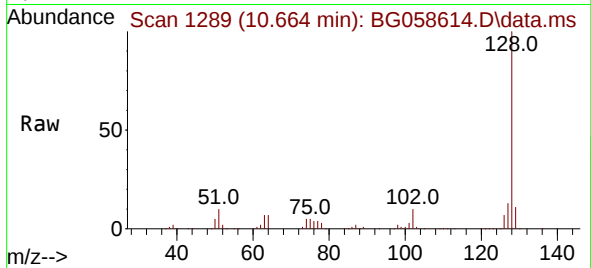




#31
Naphthalene
Concen: 41.234 ng
RT: 10.664 min Scan# 1168
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

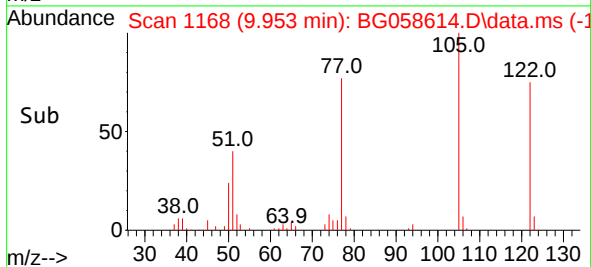
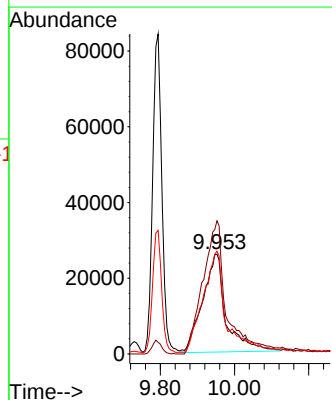
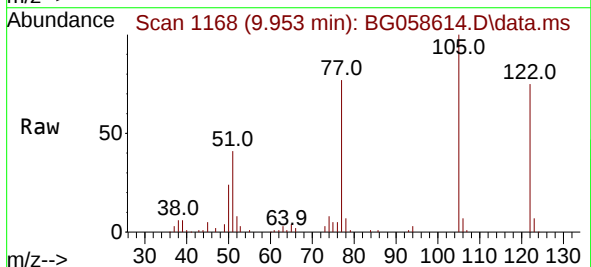
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

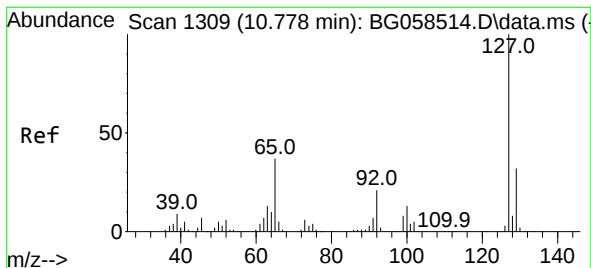
Tgt Ion:128 Resp: 486695
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.2 10.9 16.3



#32
Benzoic acid
Concen: 44.632 ng
RT: 9.953 min Scan# 1168
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:122 Resp: 113113
Ion Ratio Lower Upper
122 100
105 133.3 106.5 146.5
77 102.8 78.1 118.1

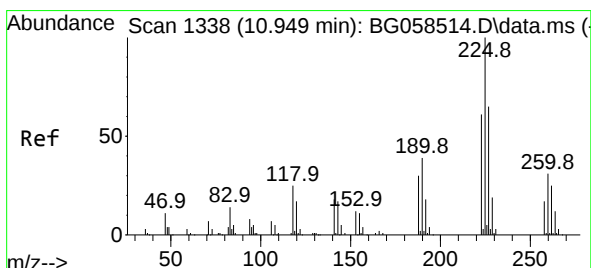
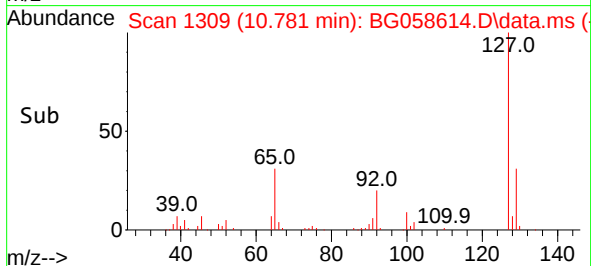
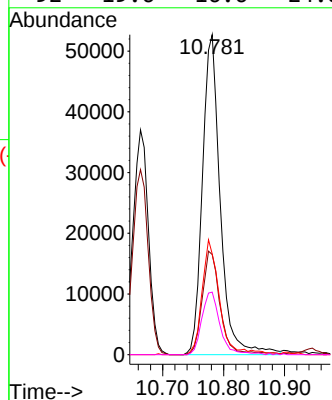
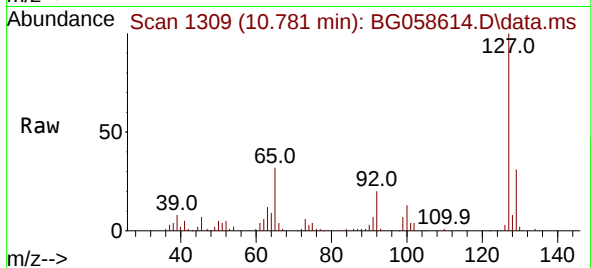




#33
4-Chloroaniline
Concen: 21.492 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

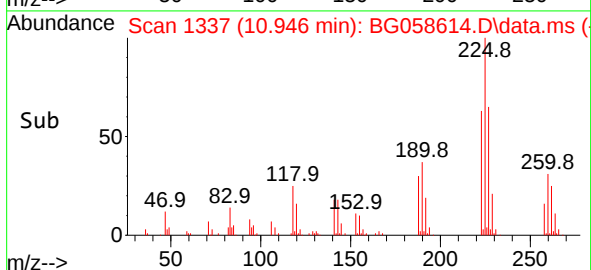
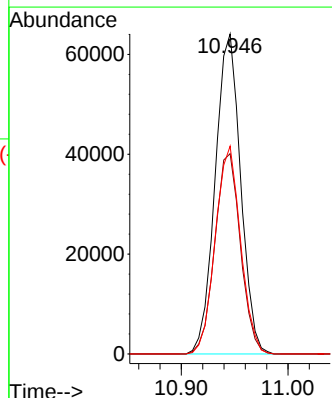
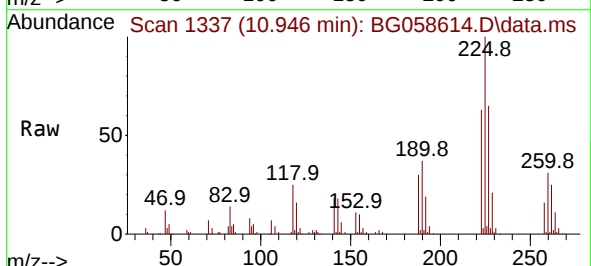
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

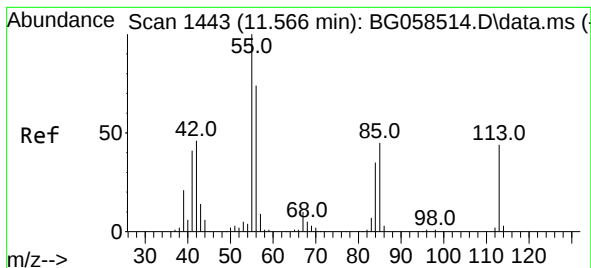
Tgt Ion:	127	Resp:	107179
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.4	38.2
65	31.5	29.5	44.3
92	19.6	16.6	24.8



#34
Hexachlorobutadiene
Concen: 41.159 ng
RT: 10.946 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	225	Resp:	106209
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.0	73.6
227	65.0	51.7	77.5





#35

Caprolactam

Concen: 35.543 ng

RT: 11.568 min Scan# 1443

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

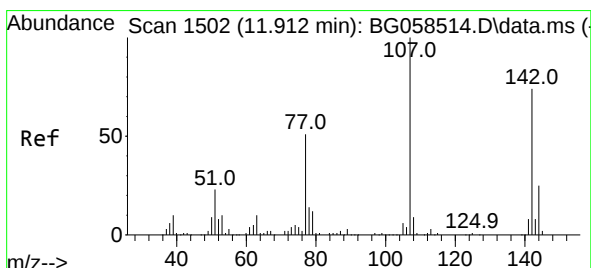
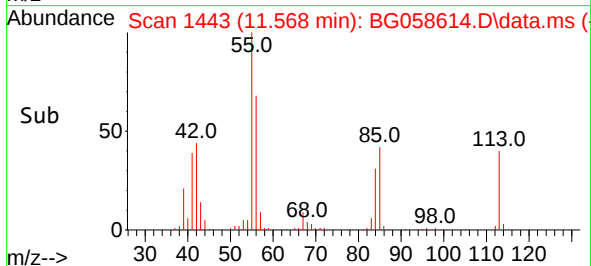
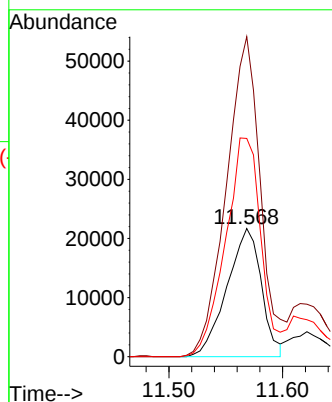
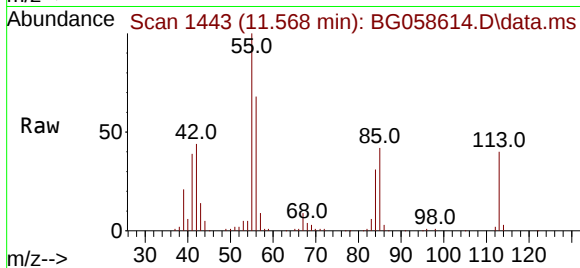
Tgt Ion:113 Resp: 45603

Ion Ratio Lower Upper

113 100

55 249.6 208.0 248.0#

56 170.2 148.6 188.6



#36

4-Chloro-3-methylphenol

Concen: 44.239 ng

RT: 11.915 min Scan# 1502

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

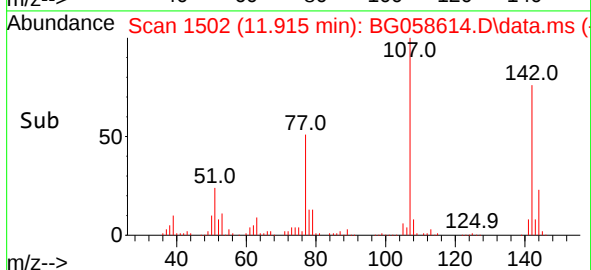
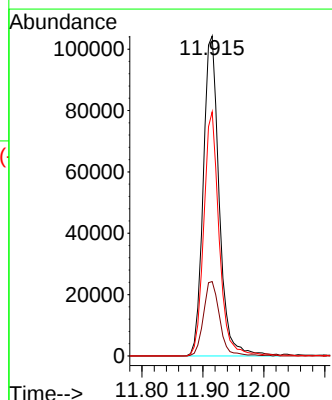
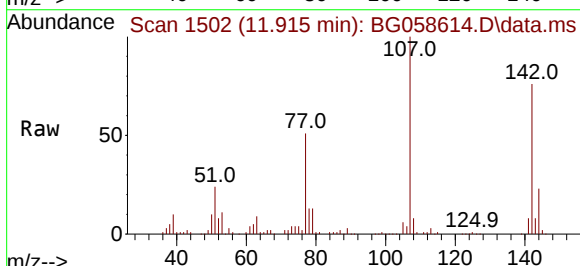
Tgt Ion:107 Resp: 190138

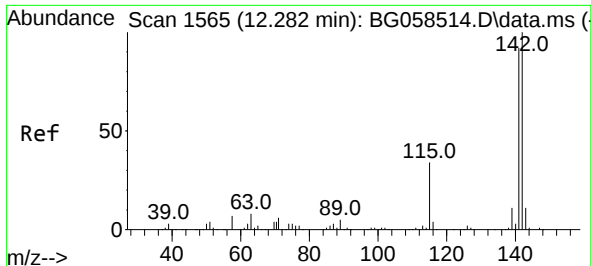
Ion Ratio Lower Upper

107 100

144 23.3 19.6 29.4

142 76.3 59.3 88.9





#37

2-Methylnaphthalene

Concen: 40.627 ng

RT: 12.279 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

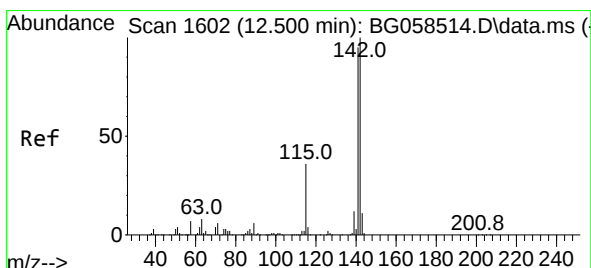
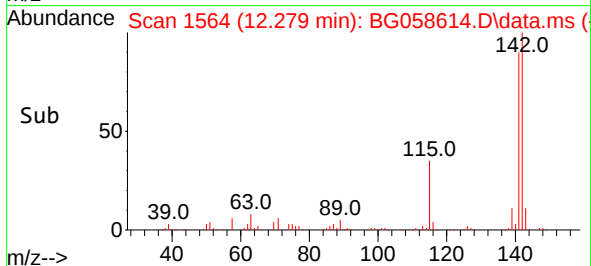
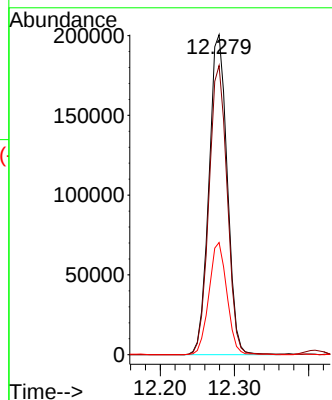
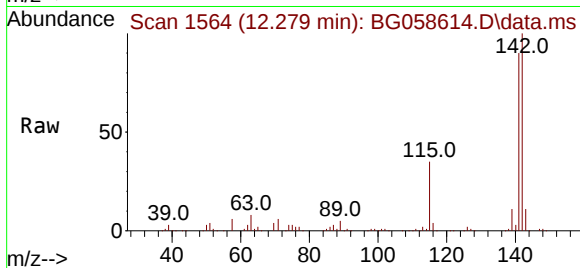
Tgt Ion:142 Resp: 343021

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

115 35.1 27.4 41.0



#38

1-Methylnaphthalene

Concen: 39.962 ng

RT: 12.497 min Scan# 1601

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

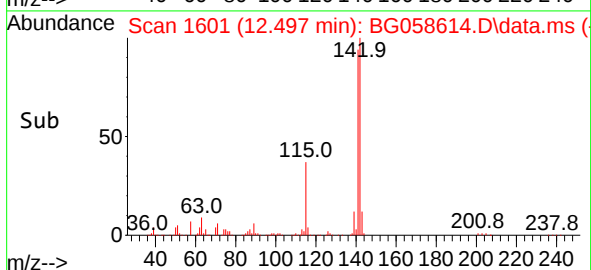
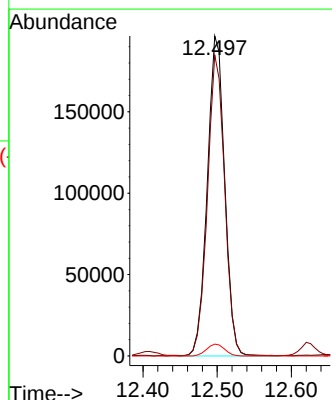
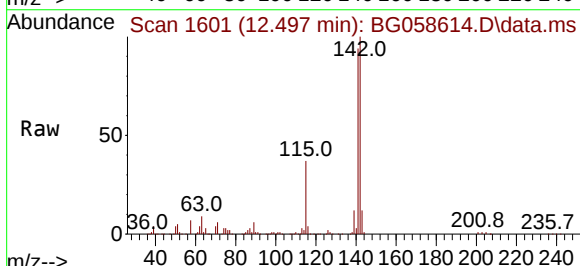
Tgt Ion:142 Resp: 320729

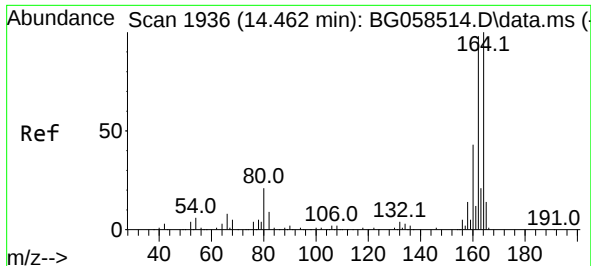
Ion Ratio Lower Upper

142 100

141 94.0 75.7 113.5

116 3.7 3.2 4.8

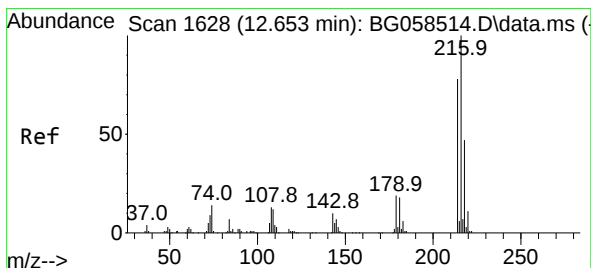
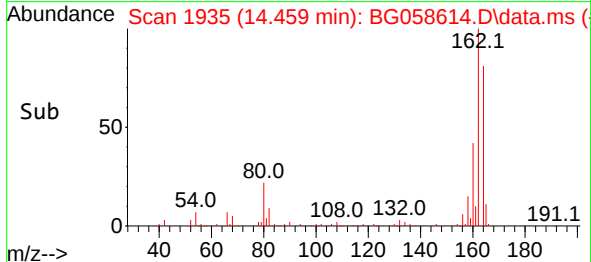
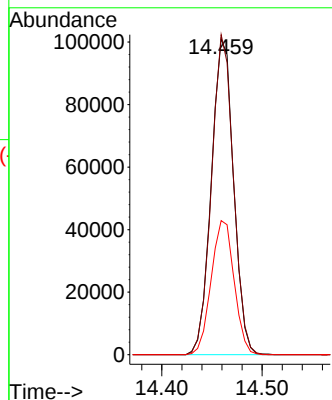
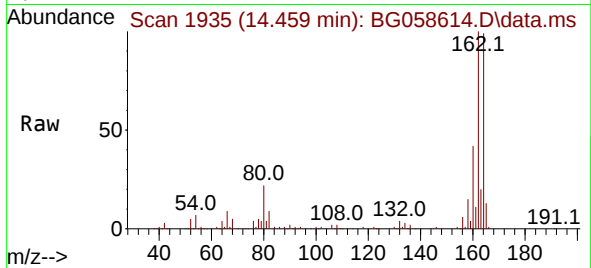




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

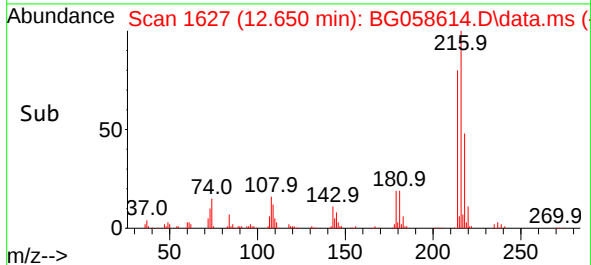
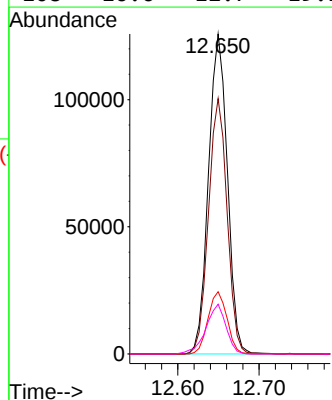
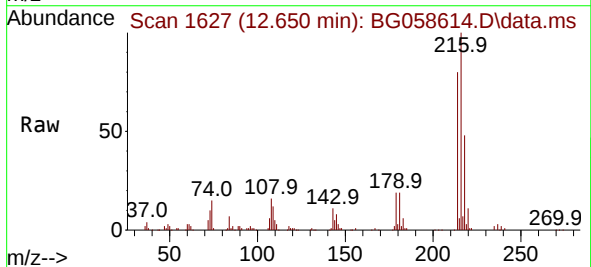
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

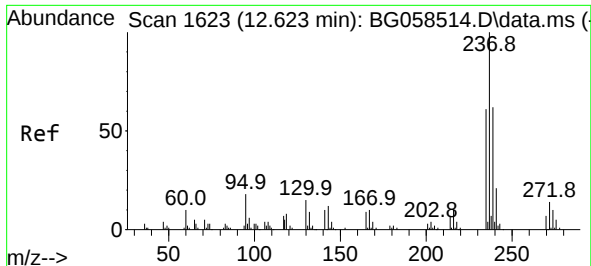
Tgt Ion:164 Resp: 155384
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 42.4 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.503 ng
RT: 12.650 min Scan# 1627
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

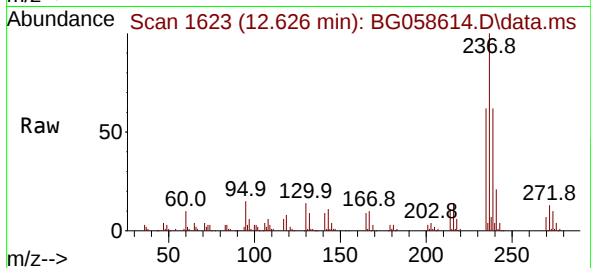
Tgt Ion:216 Resp: 202757
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 19.5 15.6 23.4
108 16.6 12.7 19.1



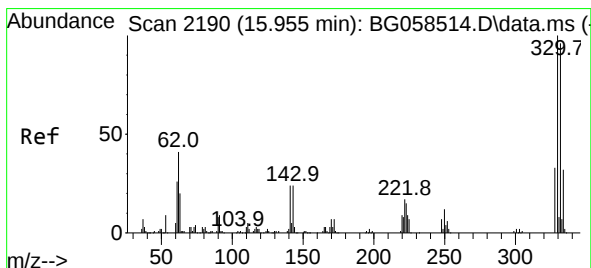
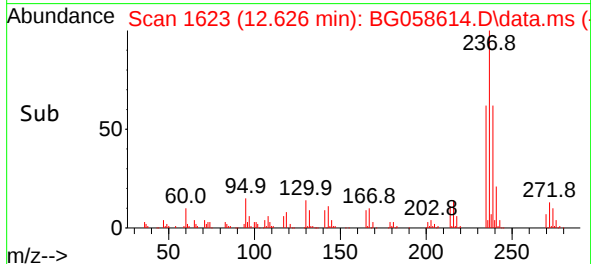
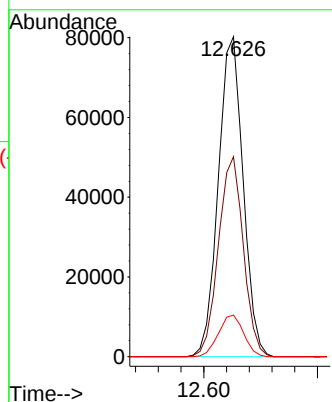


#41
Hexachlorocyclopentadiene
Concen: 56.976 ng
RT: 12.626 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

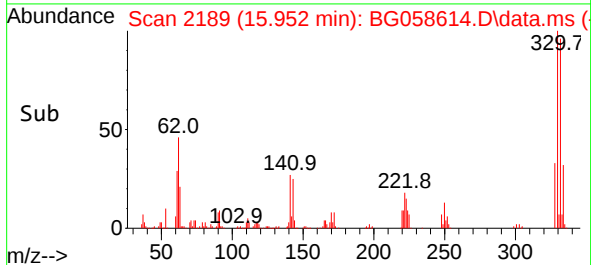
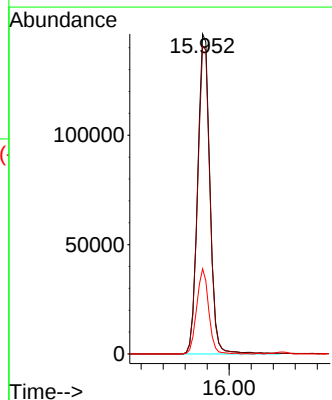
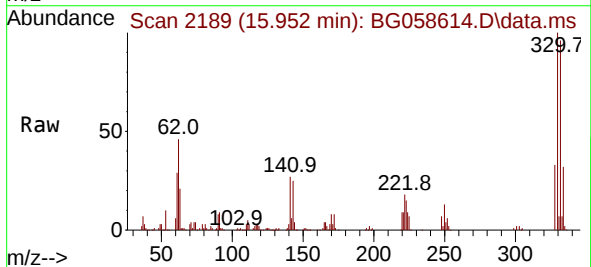


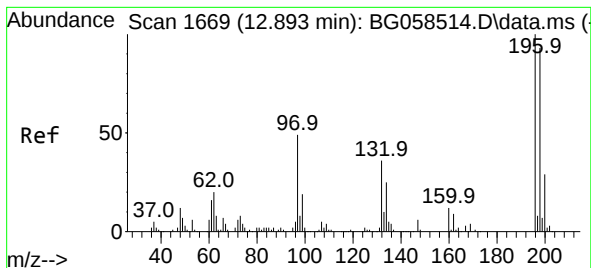
Tgt Ion:237 Resp: 121495
Ion Ratio Lower Upper
237 100
235 62.5 41.0 81.0
272 13.0 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 89.037 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:330 Resp: 226764
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 25.8 20.7 31.1





#43

2,4,6-Trichlorophenol

Concen: 44.040 ng

RT: 12.896 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

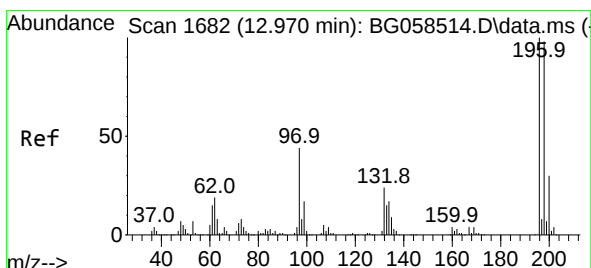
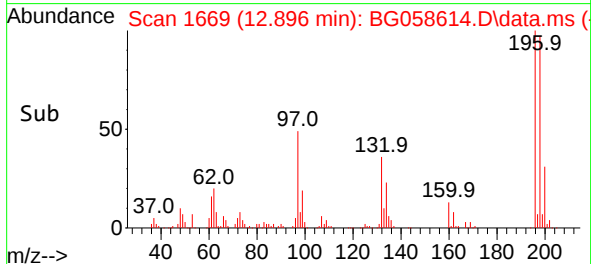
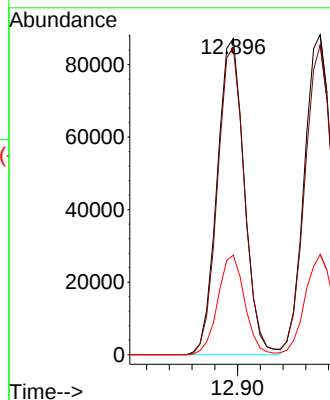
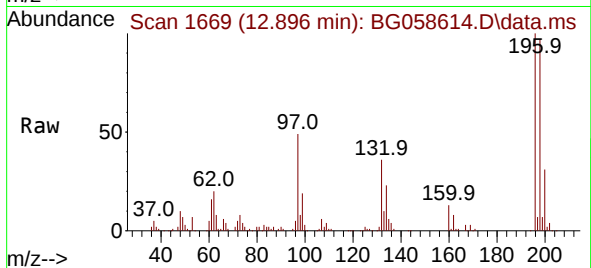
Tgt Ion:196 Resp: 144502

Ion Ratio Lower Upper

196 100

198 97.3 74.2 111.4

200 31.5 22.9 34.3



#44

2,4,5-Trichlorophenol

Concen: 41.089 ng

RT: 12.973 min Scan# 1682

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Tgt Ion:196 Resp: 158799

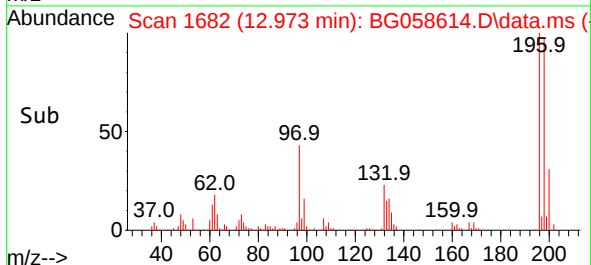
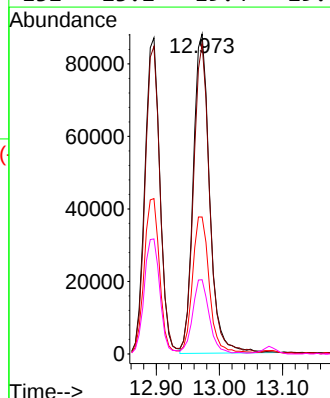
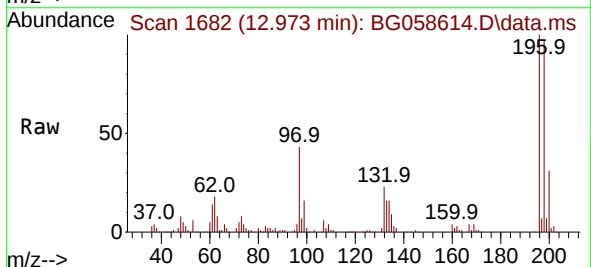
Ion Ratio Lower Upper

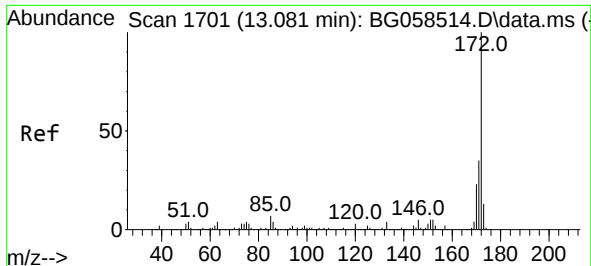
196 100

198 96.8 78.3 117.5

97 42.8 35.2 52.8

132 23.2 19.4 29.0

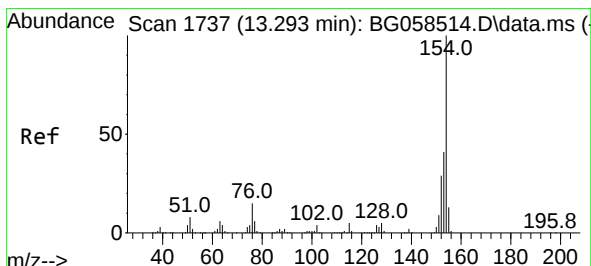
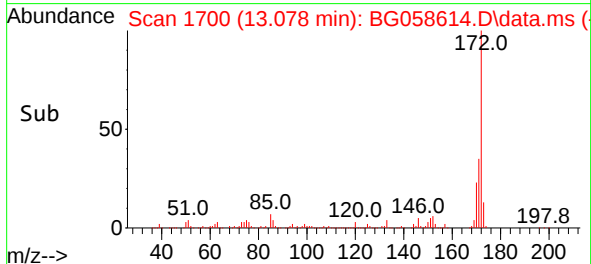
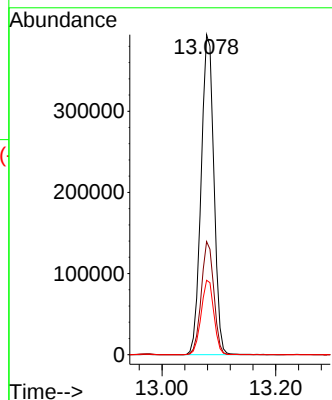
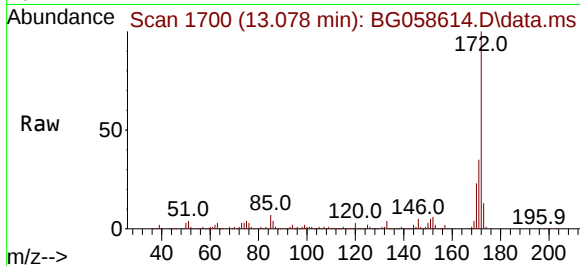




#45
2-Fluorobiphenyl
Concen: 59.430 ng
RT: 13.078 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

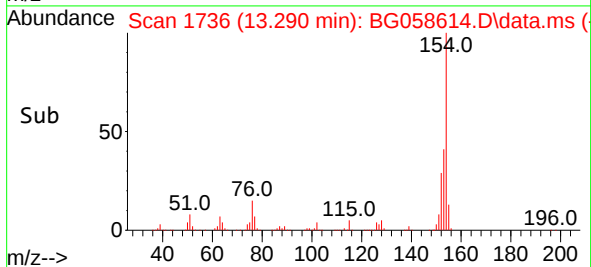
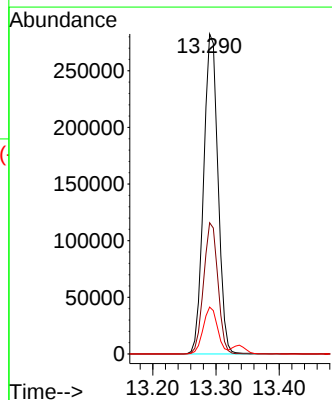
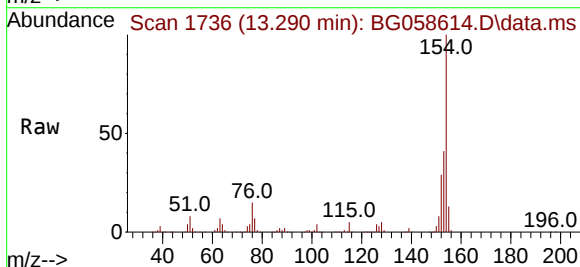
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

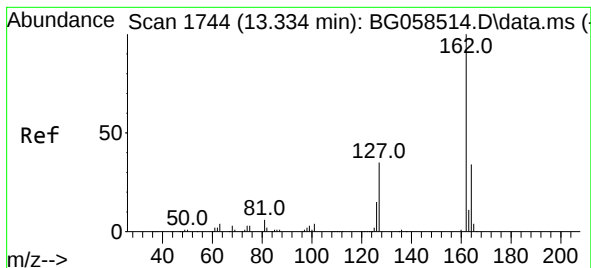
Tgt Ion:172 Resp: 616205
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.4 27.6



#46
1,1'-Biphenyl
Concen: 41.801 ng
RT: 13.290 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:154 Resp: 446056
Ion Ratio Lower Upper
154 100
153 41.0 21.2 61.2
76 14.6 0.0 34.7

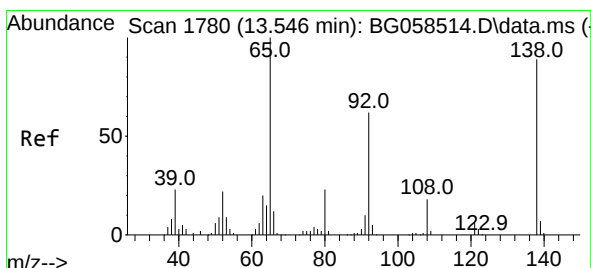
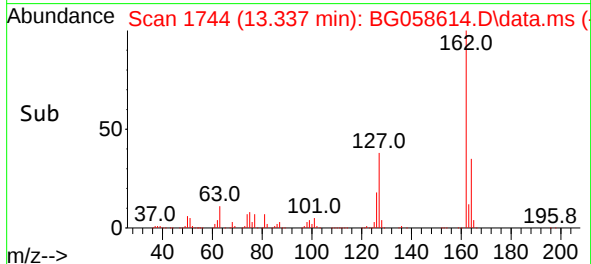
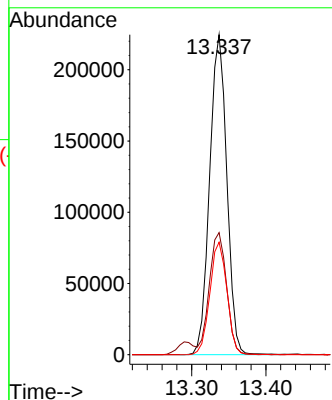
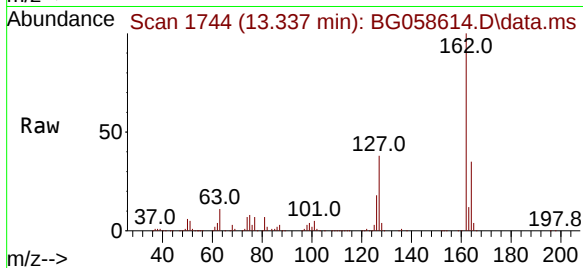




#47
2-Chloronaphthalene
Concen: 43.376 ng
RT: 13.337 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

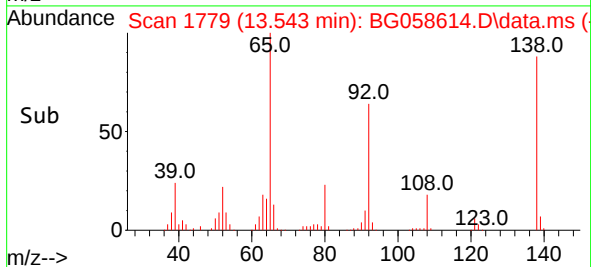
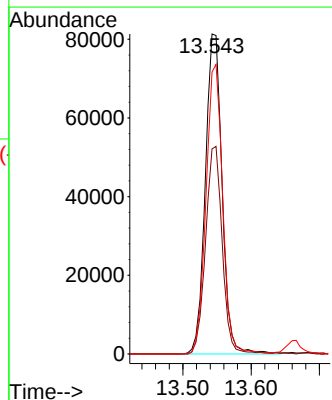
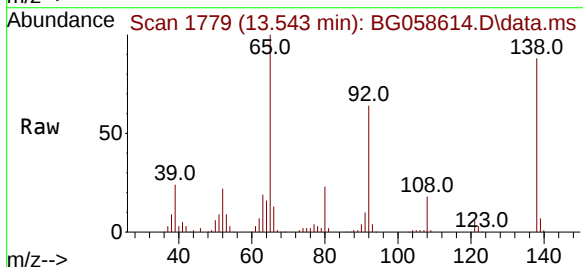
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

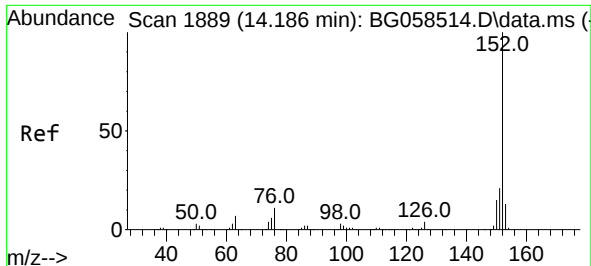
Tgt Ion:162 Resp: 360902
Ion Ratio Lower Upper
162 100
127 38.1 30.9 46.3
164 35.2 27.2 40.8



#48
2-Nitroaniline
Concen: 43.736 ng
RT: 13.543 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion: 65 Resp: 138894
Ion Ratio Lower Upper
65 100
92 64.1 49.2 73.8
138 88.1 71.5 107.3

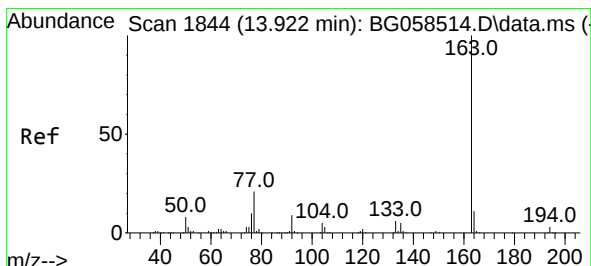
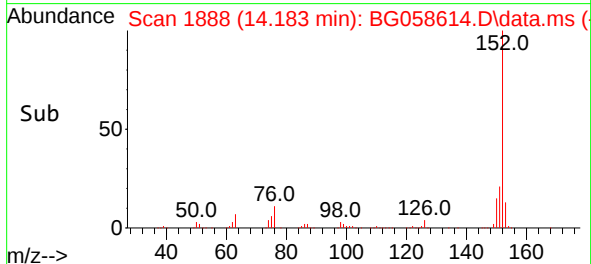
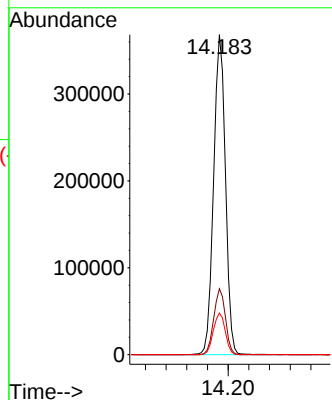
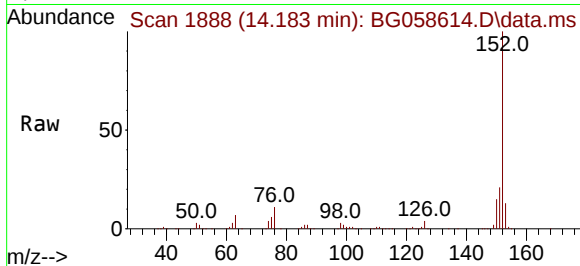




#49
Acenaphthylene
Concen: 41.889 ng
RT: 14.183 min Scan# 1888
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

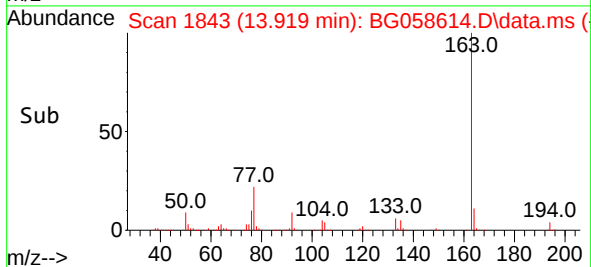
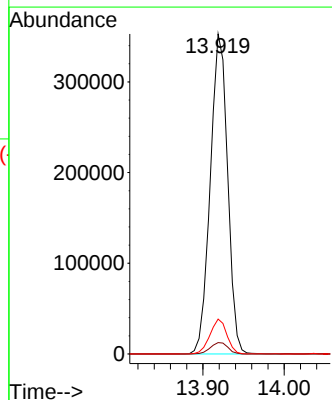
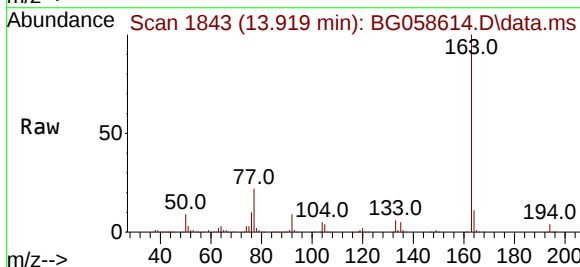
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

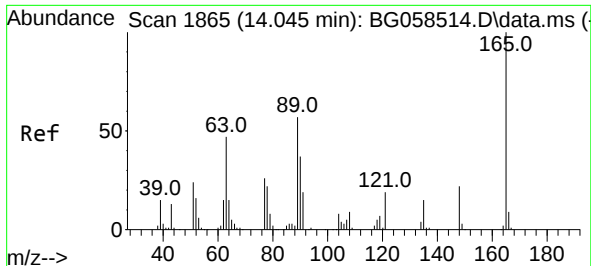
Tgt Ion:152 Resp: 583518
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 44.801 ng
RT: 13.919 min Scan# 1843
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:163 Resp: 522819
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.9 8.6 12.8

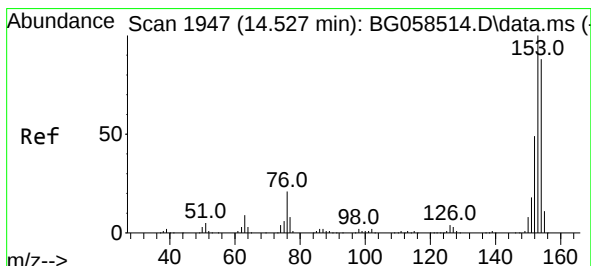
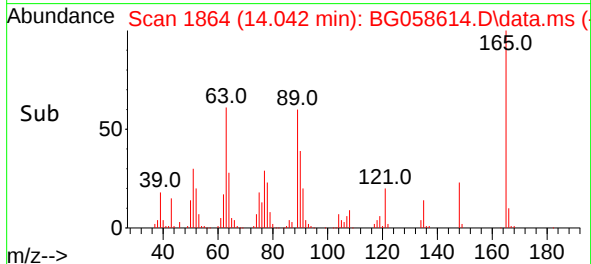
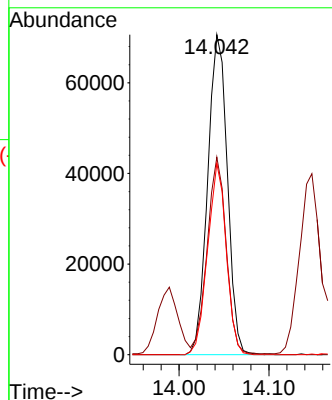
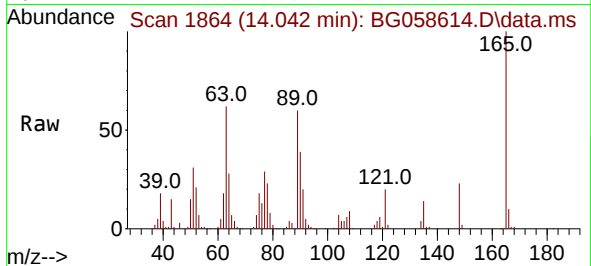




#51
2,6-Dinitrotoluene
Concen: 41.913 ng
RT: 14.042 min Scan# 1865
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

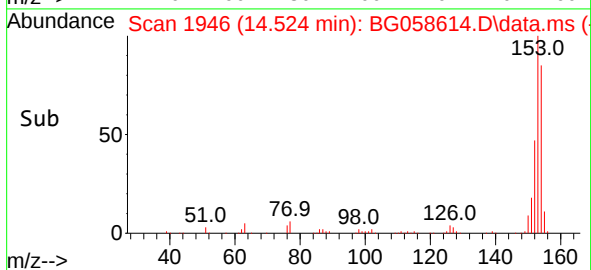
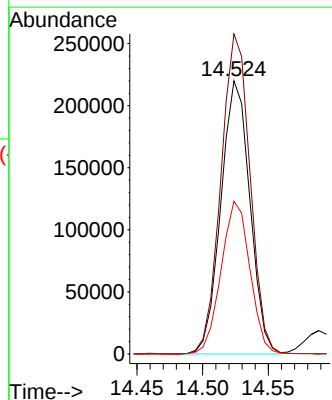
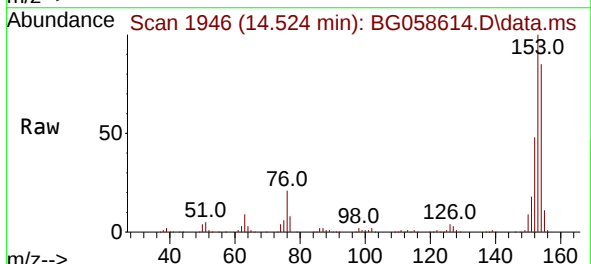
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

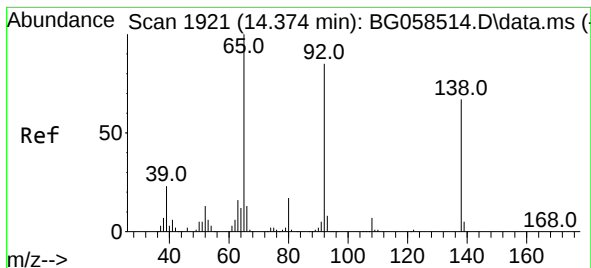
Tgt Ion:165 Resp: 107320
Ion Ratio Lower Upper
165 100
63 61.7 46.4 69.6
89 59.8 45.3 67.9



#52
Acenaphthene
Concen: 41.989 ng
RT: 14.524 min Scan# 1946
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:154 Resp: 337968
Ion Ratio Lower Upper
154 100
153 117.2 91.1 136.7
152 55.9 44.6 66.8

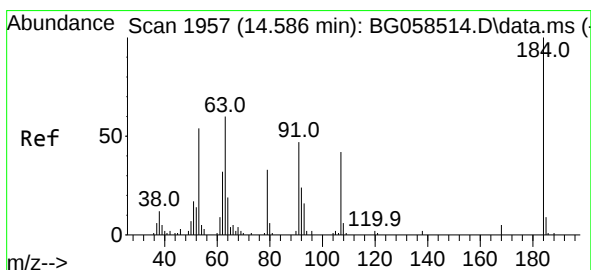
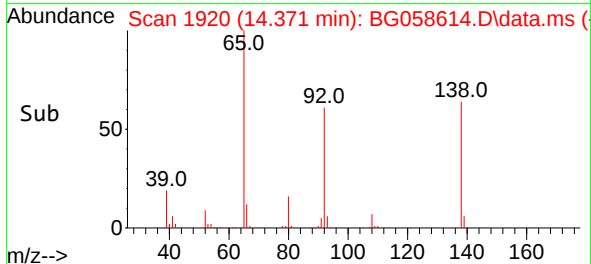
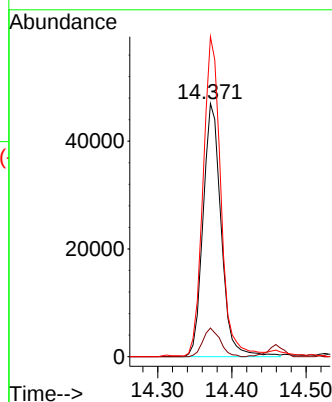
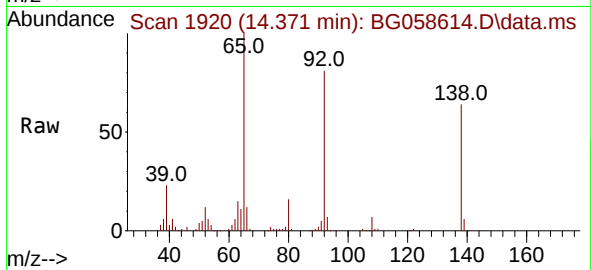




#53
3-Nitroaniline
Concen: 31.056 ng
RT: 14.371 min Scan# 1921
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

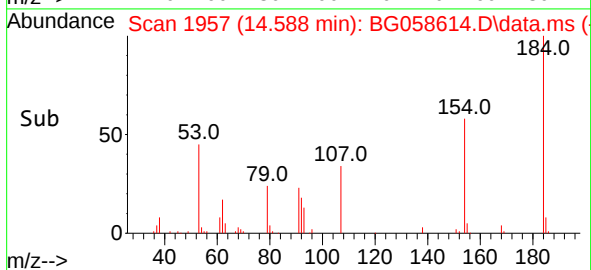
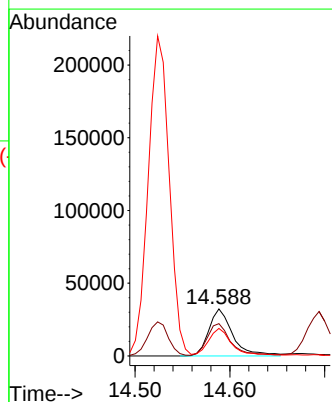
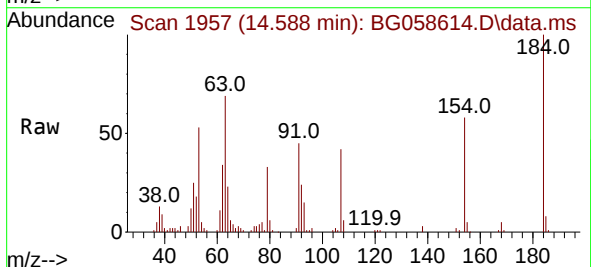
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

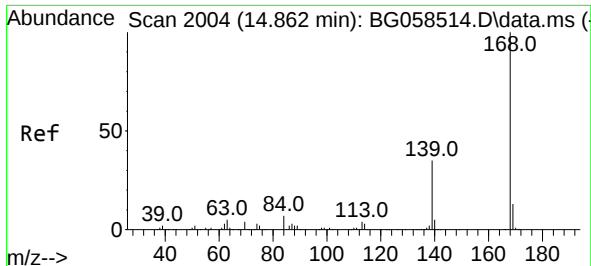
Tgt Ion:138 Resp: 79560
Ion Ratio Lower Upper
138 100
108 11.3 8.3 12.5
92 126.4 101.1 151.7



#54
2,4-Dinitrophenol
Concen: 43.050 ng
RT: 14.588 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:184 Resp: 56635
Ion Ratio Lower Upper
184 100
63 68.6 56.7 85.1
154 58.3 46.1 69.1

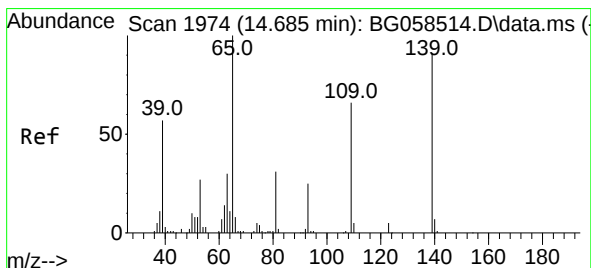
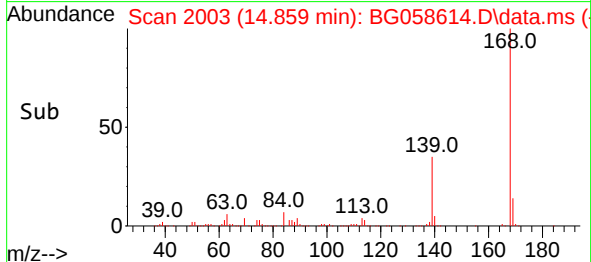
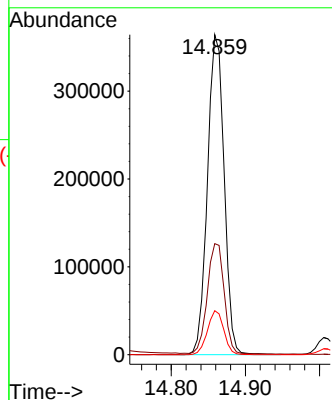
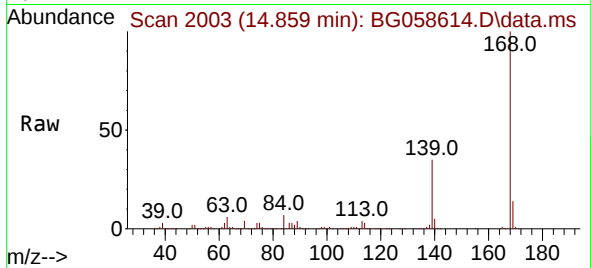




#55
Dibenzofuran
Concen: 41.164 ng
RT: 14.859 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

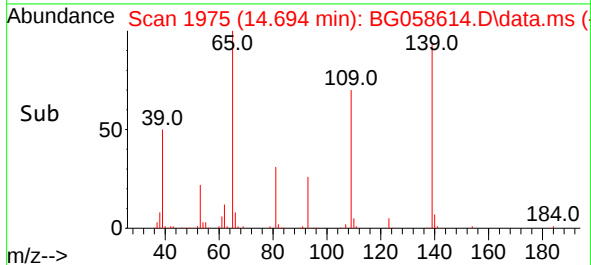
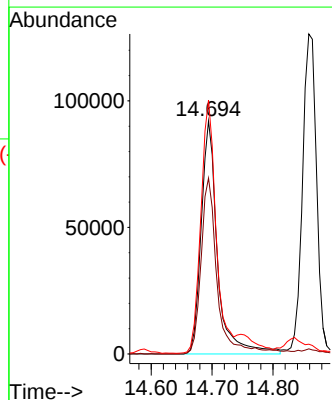
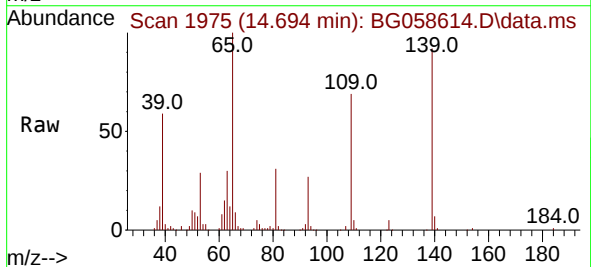
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

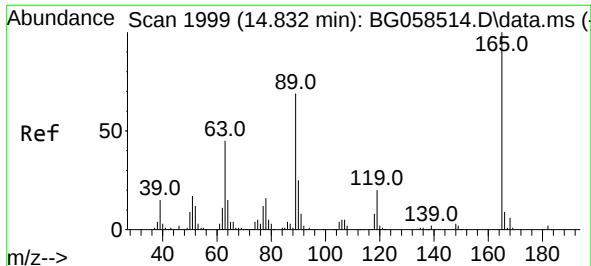
Tgt Ion:168 Resp: 569336
Ion Ratio Lower Upper
168 100
139 34.7 27.8 41.8
169 13.8 10.6 16.0



#56
4-Nitrophenol
Concen: 89.880 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.009 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:139 Resp: 171432
Ion Ratio Lower Upper
139 100
109 75.5 52.5 92.5
65 109.0 90.5 130.5

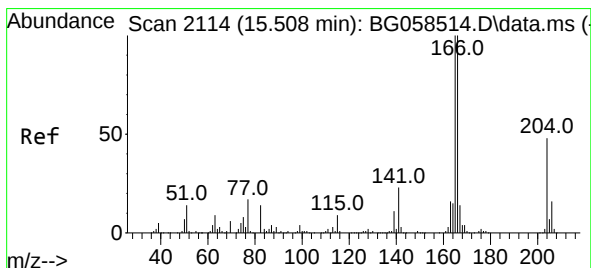
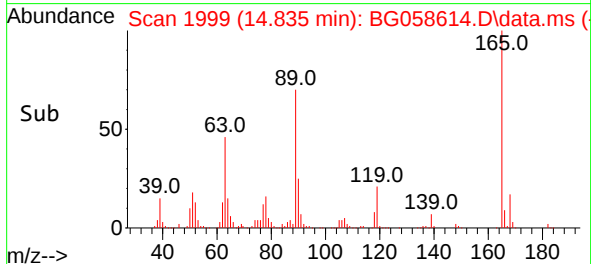
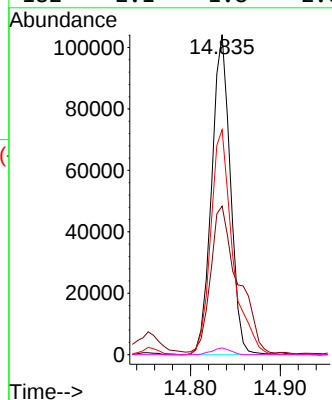
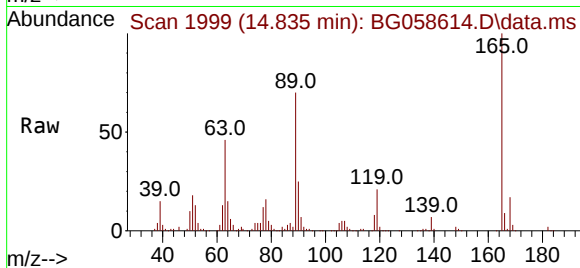




#57
2,4-Dinitrotoluene
Concen: 42.385 ng
RT: 14.835 min Scan# 1999
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

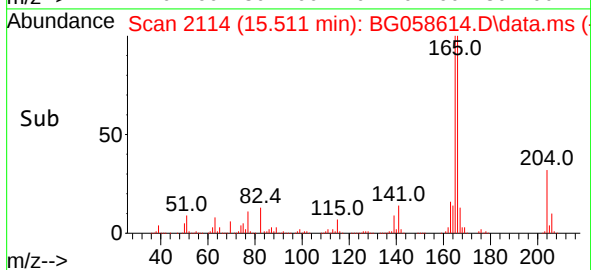
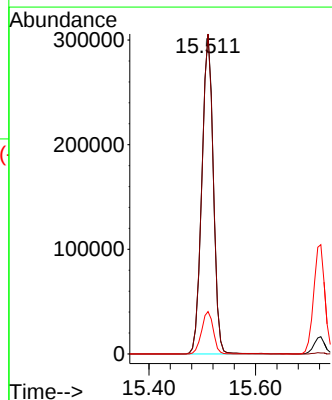
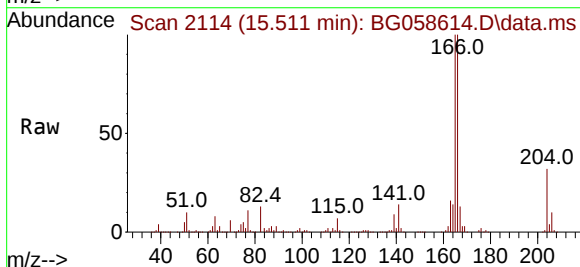
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

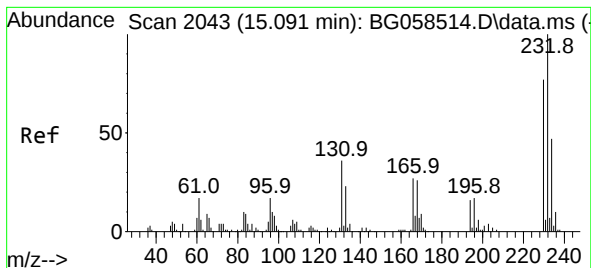
Tgt Ion:	165	Resp:	150461
Ion	Ratio	Lower	Upper
165	100		
63	46.4	36.6	54.8
89	70.3	55.4	83.0
182	2.1	1.8	2.6



#58
Fluorene
Concen: 41.311 ng
RT: 15.511 min Scan# 2114
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	166	Resp:	453897
Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.0	120.0
167	13.3	11.3	16.9

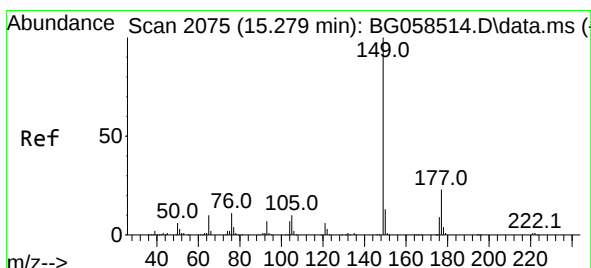
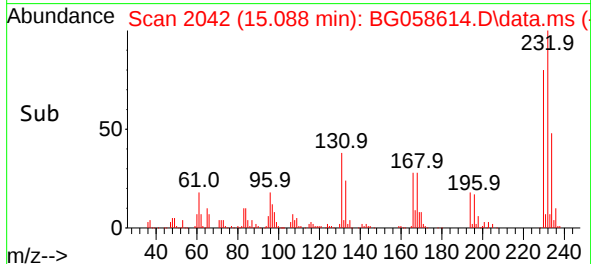
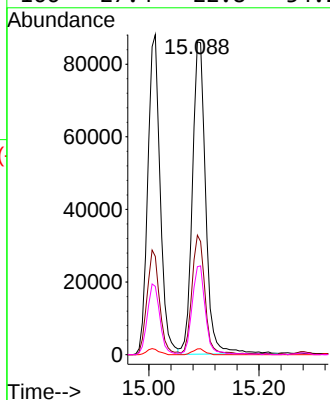
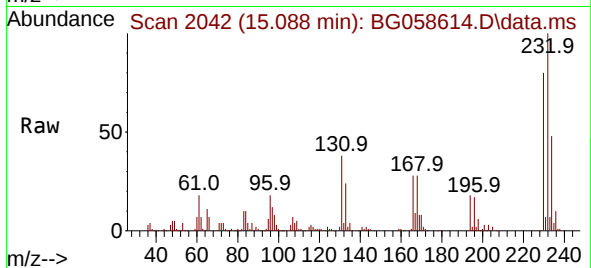




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.840 ng
RT: 15.088 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

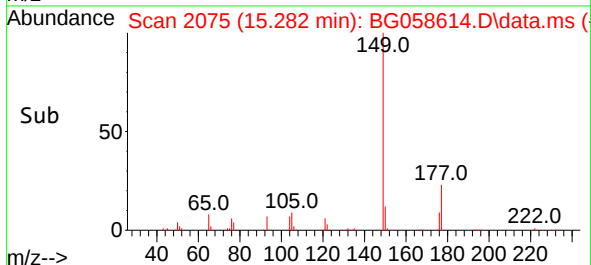
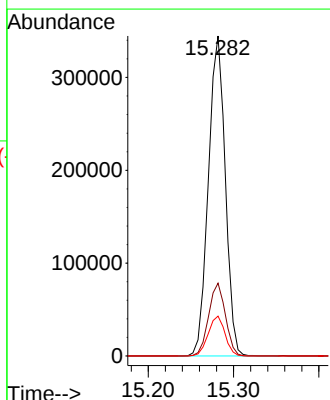
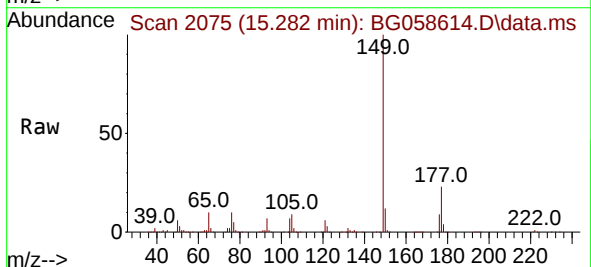
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion:232 Resp: 144577
Ion Ratio Lower Upper
232 100
131 36.4 30.0 45.0
130 1.7 1.5 2.3
166 27.4 22.8 34.2



#60
Diethylphthalate
Concen: 40.048 ng
RT: 15.282 min Scan# 2075
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:149 Resp: 476116
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.5 10.2 15.4

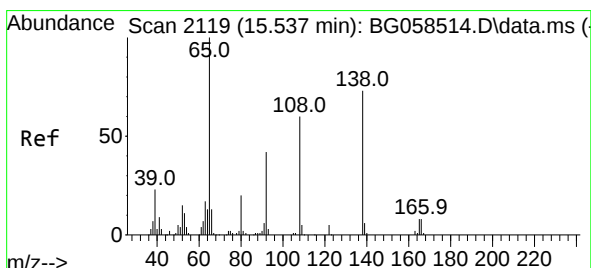
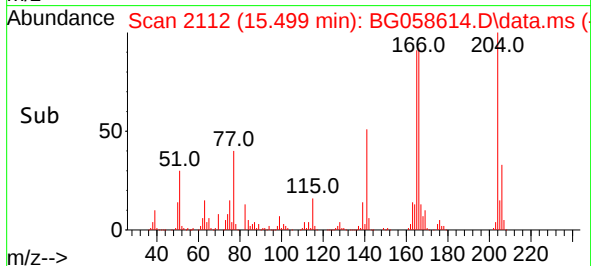
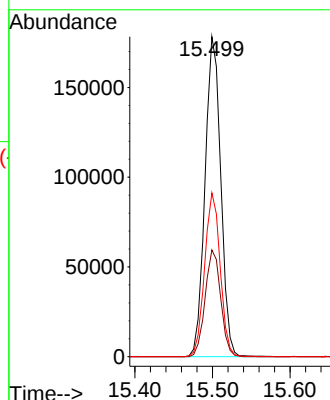
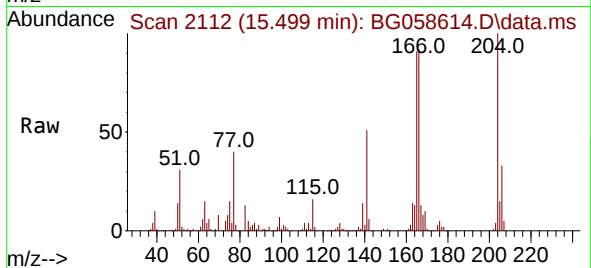




#61
4-Chlorophenyl-phenylether
Concen: 41.023 ng
RT: 15.499 min Scan# 2112
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

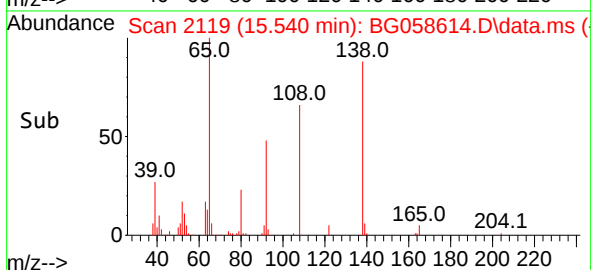
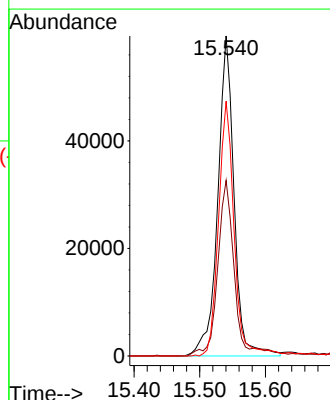
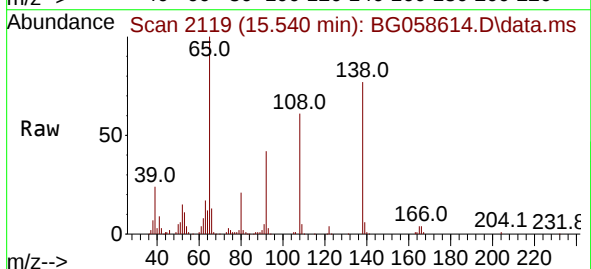
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

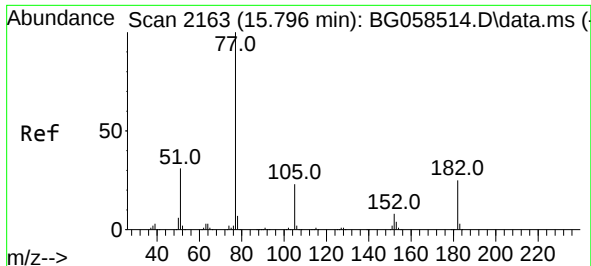
Tgt Ion:204 Resp: 251287
Ion Ratio Lower Upper
204 100
206 33.4 27.0 40.4
141 51.2 40.8 61.2



#62
4-Nitroaniline
Concen: 42.191 ng
RT: 15.540 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:138 Resp: 102389
Ion Ratio Lower Upper
138 100
92 54.9 37.3 77.3
108 79.6 62.6 102.6

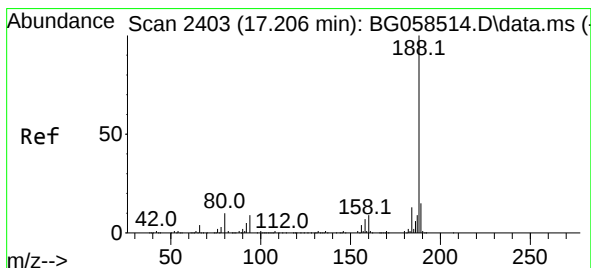
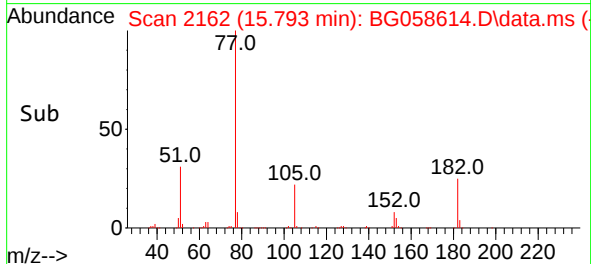
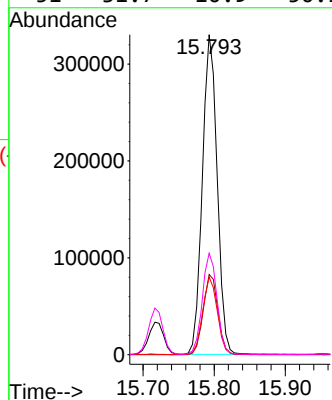
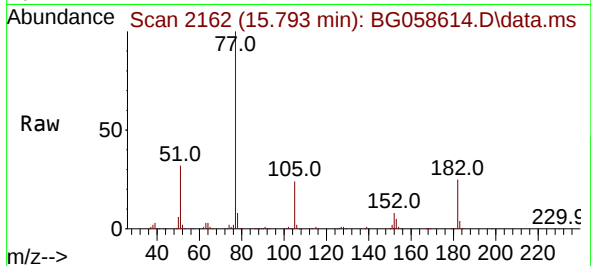




#63
Azobenzene
Concen: 40.862 ng
RT: 15.793 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

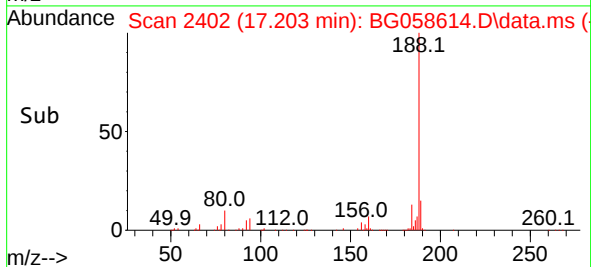
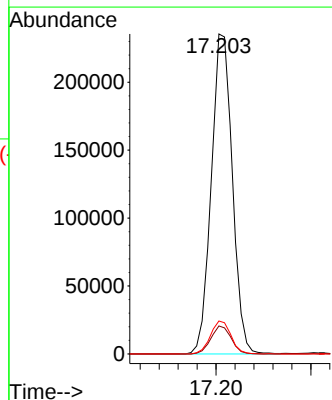
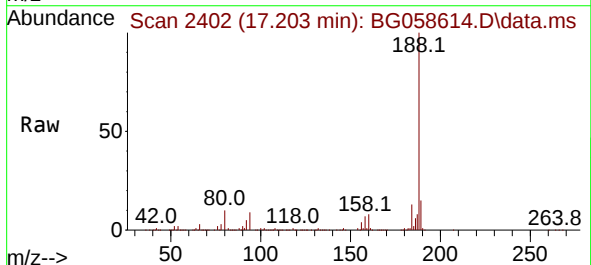
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

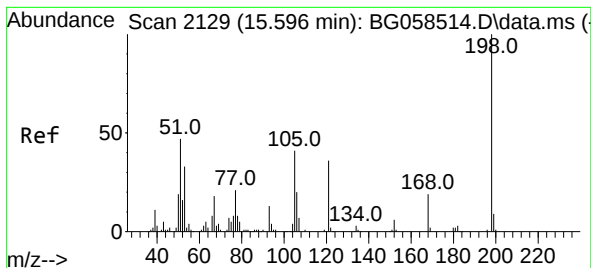
Tgt Ion:	77	Resp:	478481
Ion	Ratio	Lower	Upper
77	100		
182	25.0	4.6	44.6
105	24.2	3.3	43.3
51	31.7	10.9	50.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:	188	Resp:	362764
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	10.3	8.1	12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 33.114 ng
RT: 15.599 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

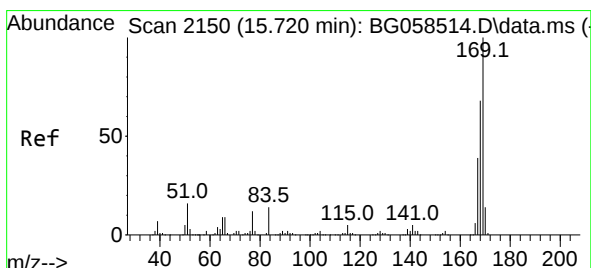
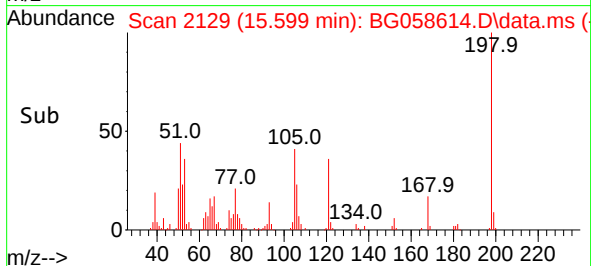
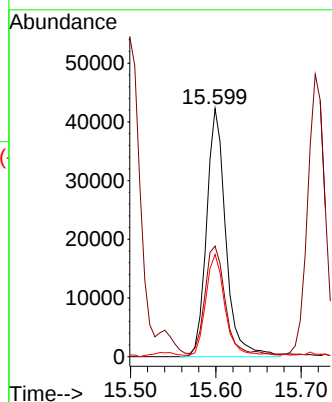
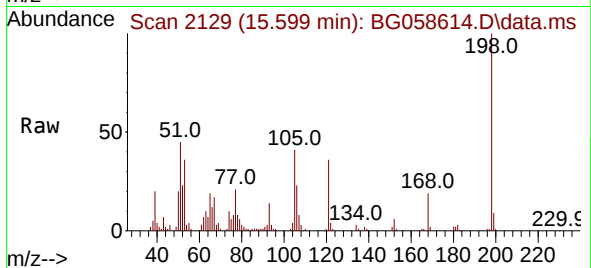
Instrument :

BNA_G

ClientSampleId :

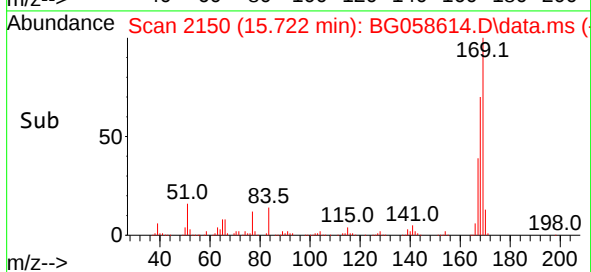
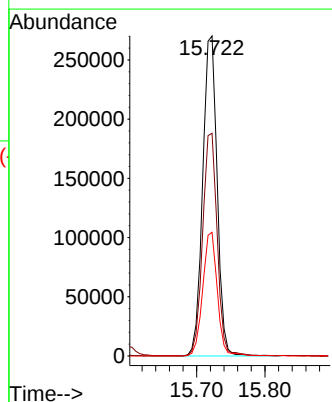
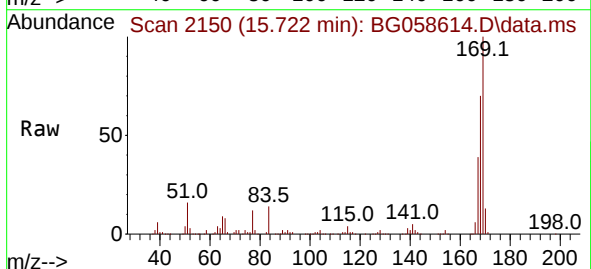
BERGENSWITCH-COMP1MSD

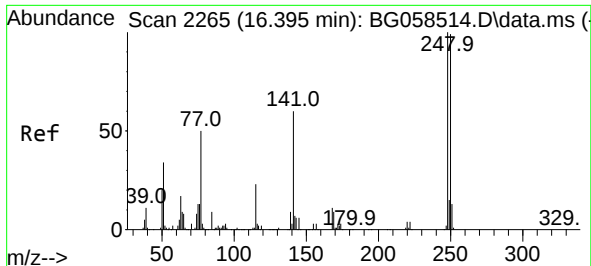
Tgt Ion:198 Resp: 66236
Ion Ratio Lower Upper
198 100
51 44.5 29.3 69.3
105 41.2 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 42.175 ng
RT: 15.722 min Scan# 2150
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:169 Resp: 398205
Ion Ratio Lower Upper
169 100
168 69.6 54.6 82.0
167 38.7 31.3 46.9





#67
4-Bromophenyl-phenylether
Concen: 41.621 ng
RT: 16.398 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

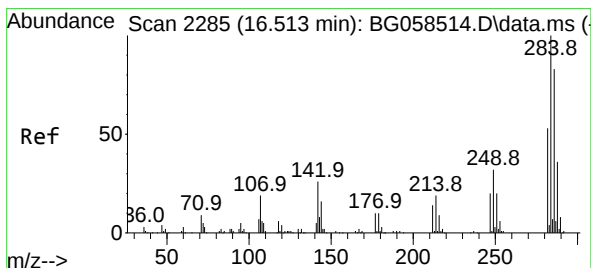
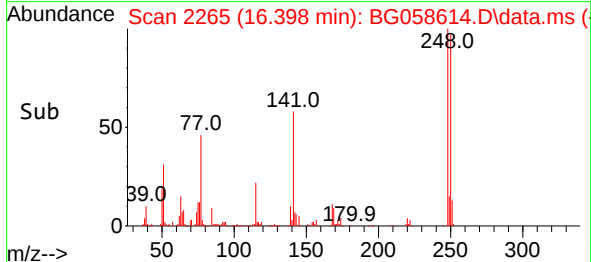
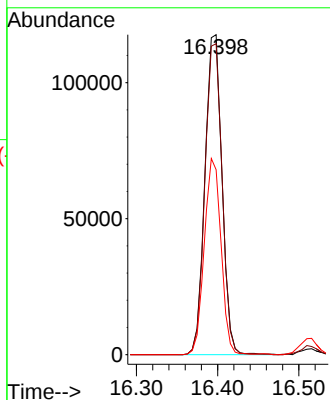
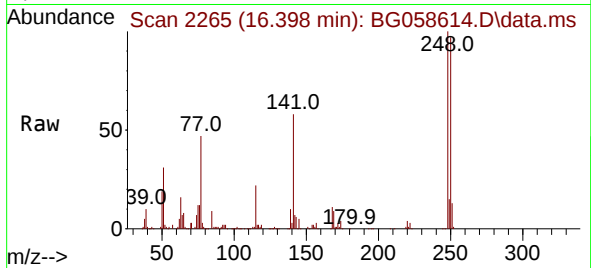
Instrument :

BNA_G

ClientSampleId :

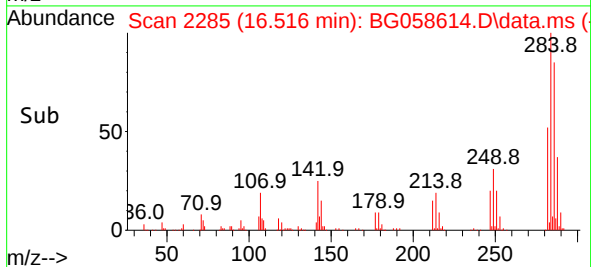
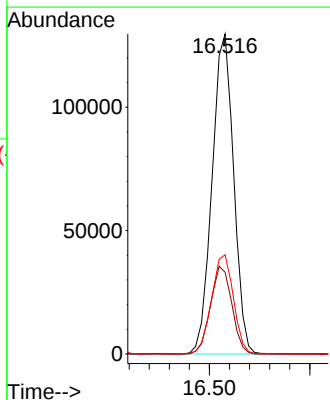
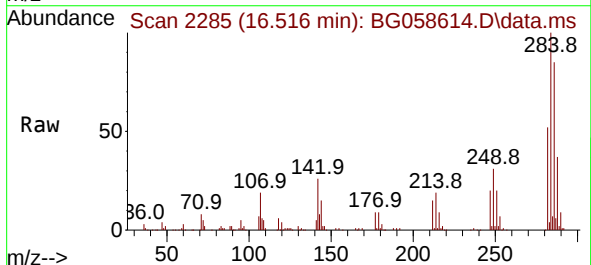
BERGENSWITCH-COMP1MSD

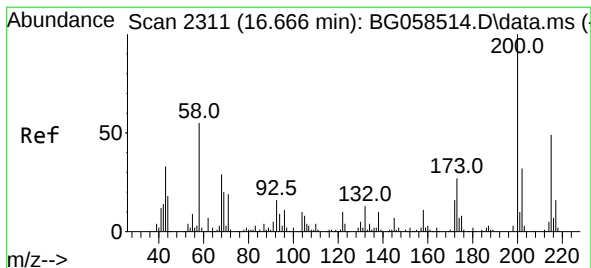
Tgt Ion:248 Resp: 171249
Ion Ratio Lower Upper
248 100
250 97.2 79.5 119.3
141 57.8 48.2 72.2



#68
Hexachlorobenzene
Concen: 44.334 ng
RT: 16.516 min Scan# 2285
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:284 Resp: 193297
Ion Ratio Lower Upper
284 100
142 25.6 21.0 31.4
249 31.0 25.5 38.3





#69

Atrazine

Concen: 51.077 ng

RT: 16.668 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

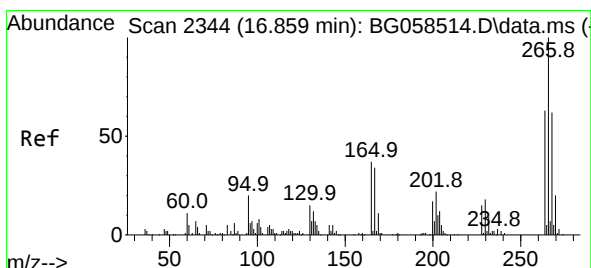
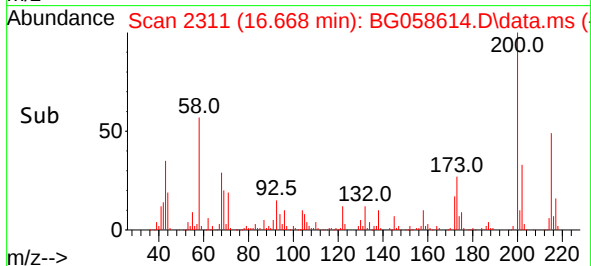
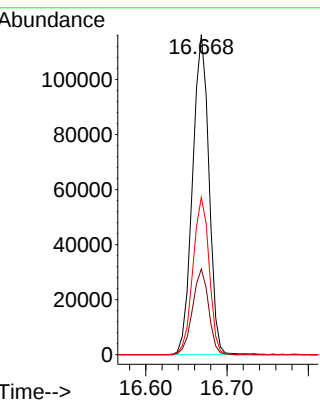
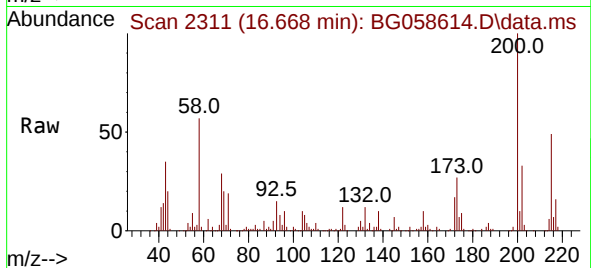
Tgt Ion:200 Resp: 162797

Ion Ratio Lower Upper

200 100

173 26.7 6.5 46.5

215 49.2 28.9 68.9



#70

Pentachlorophenol

Concen: 76.502 ng

RT: 16.862 min Scan# 2344

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

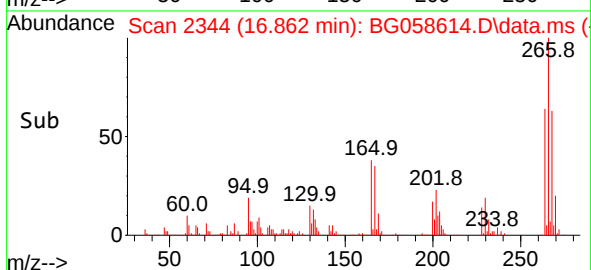
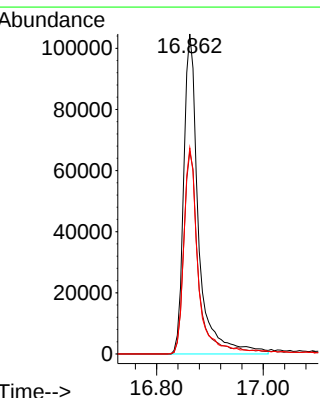
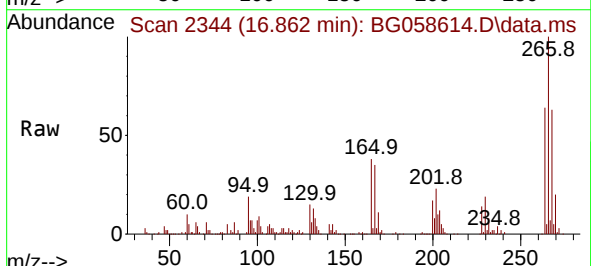
Tgt Ion:266 Resp: 201888

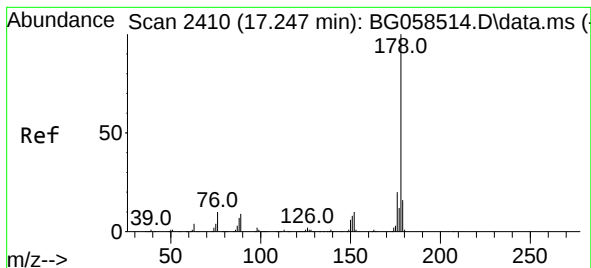
Ion Ratio Lower Upper

266 100

268 63.3 49.9 74.9

264 64.4 50.2 75.4





#71

Phenanthrene

Concen: 41.560 ng

RT: 17.250 min Scan# 2410

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

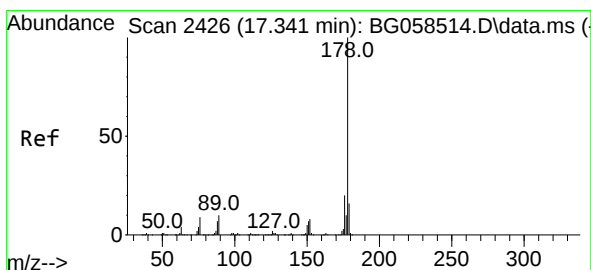
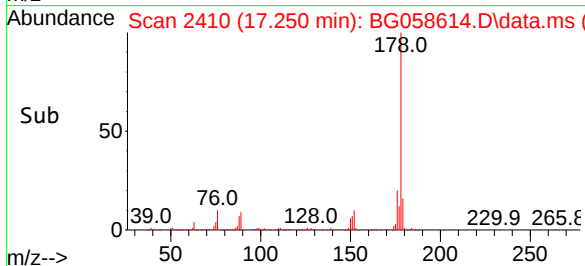
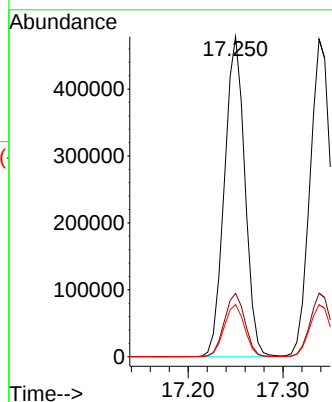
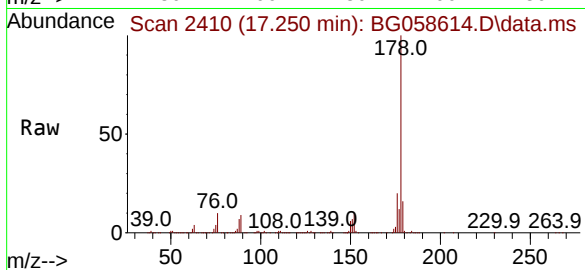
Tgt Ion:178 Resp: 715000

Ion Ratio Lower Upper

178 100

176 19.8 16.3 24.5

179 16.3 13.1 19.7



#72

Anthracene

Concen: 41.377 ng

RT: 17.338 min Scan# 2425

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

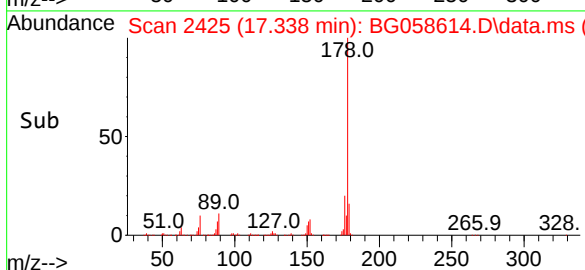
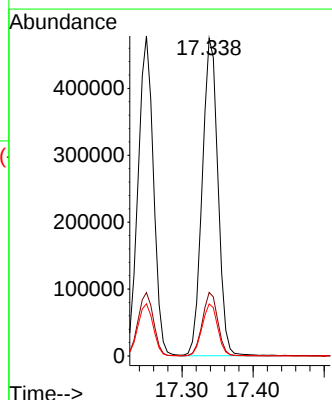
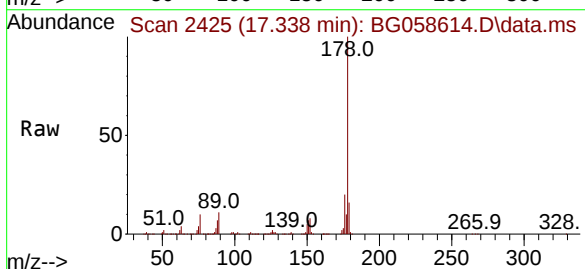
Tgt Ion:178 Resp: 730416

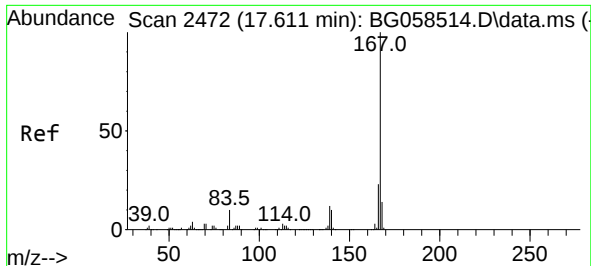
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 16.4 12.9 19.3



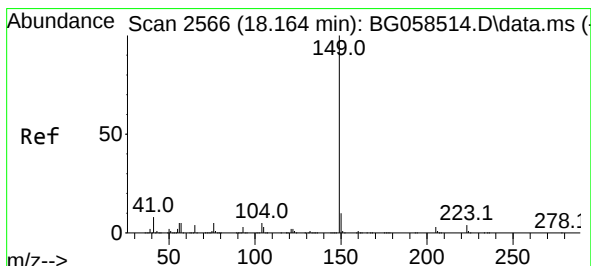
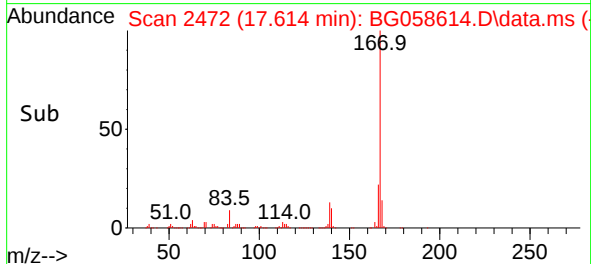
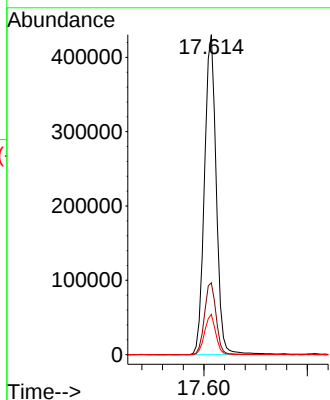
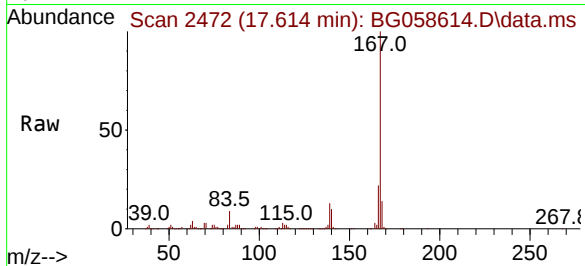


#73
 Carbazole
 Concen: 43.704 ng
 RT: 17.614 min Scan# 2472
 Delta R.T. 0.003 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

Tgt Ion:167 Resp: 680320

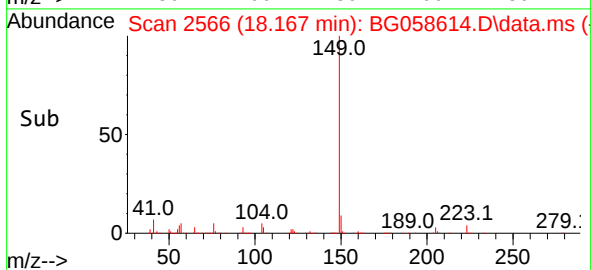
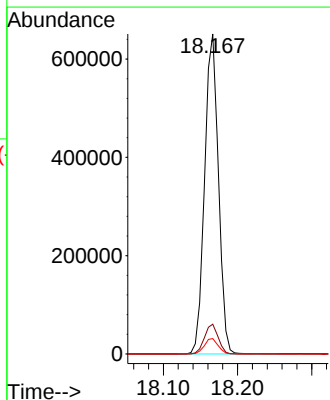
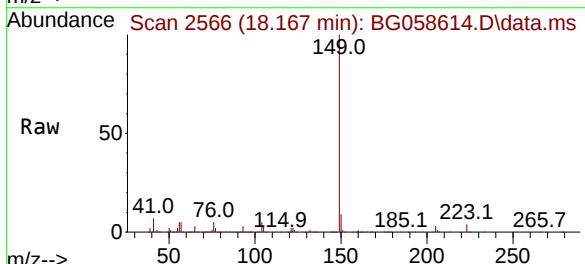
Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.4	27.6
139	12.6	10.0	15.0

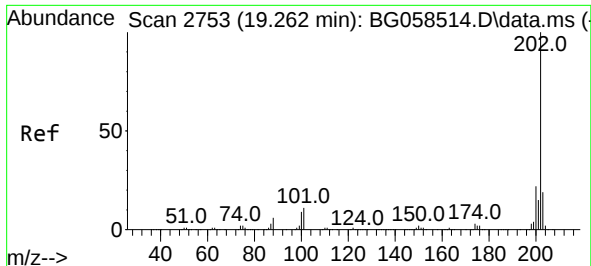


#74
 Di-n-butylphthalate
 Concen: 43.205 ng
 RT: 18.167 min Scan# 2566
 Delta R.T. 0.003 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

Tgt Ion:149 Resp: 842406

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.8	4.0	6.0

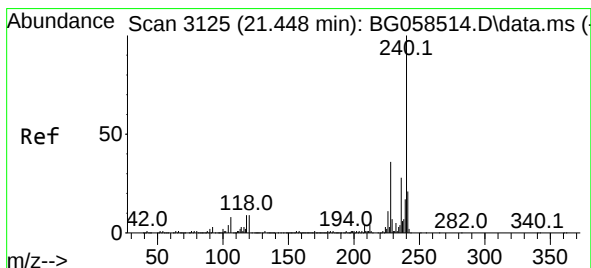
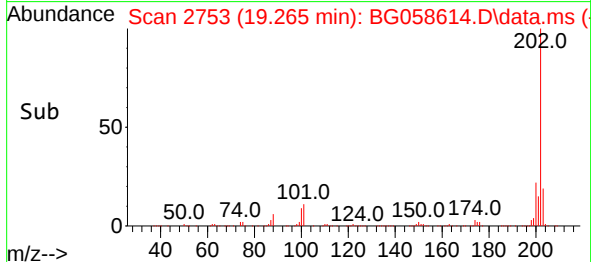
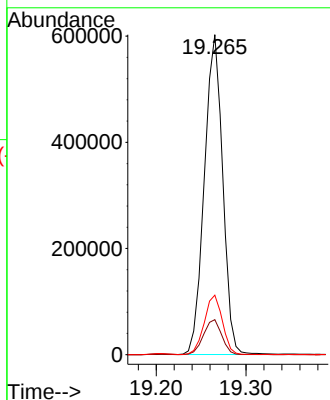
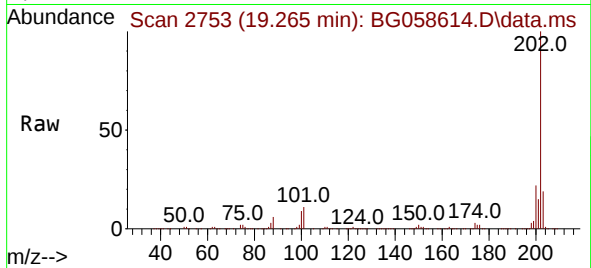




#75
Fluoranthene
Concen: 41.377 ng
RT: 19.265 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

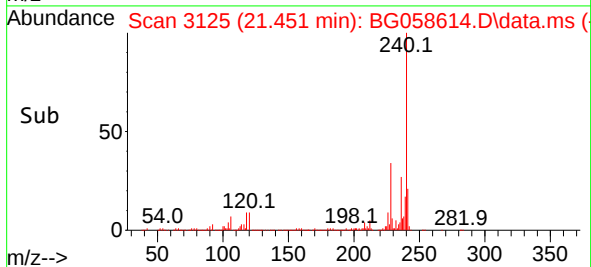
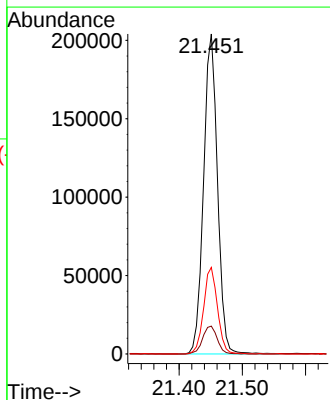
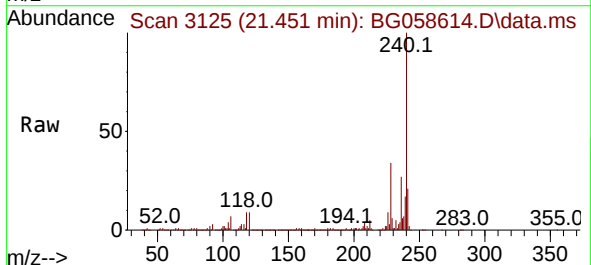
Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

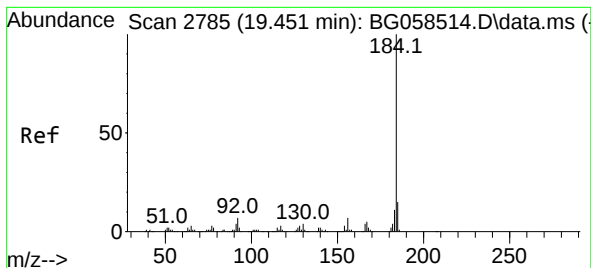
Tgt Ion:202 Resp: 855068
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 18.6 0.0 39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:240 Resp: 311373
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 27.1 22.2 33.4





#77

Benzidine

Concen: 46.914 ng

RT: 19.447 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

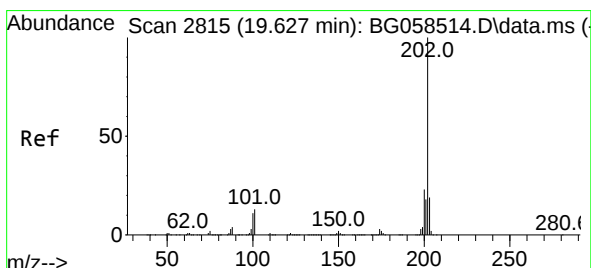
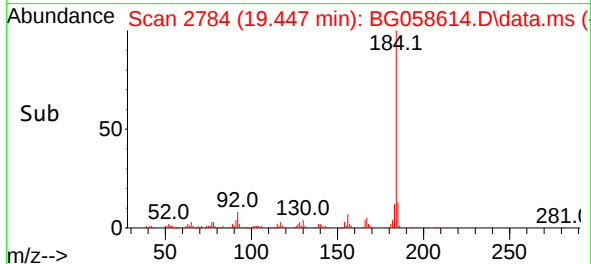
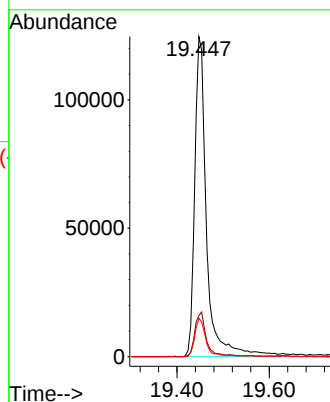
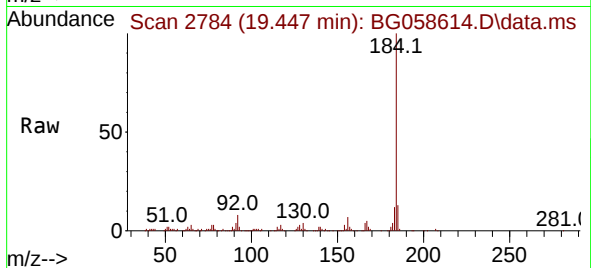
Tgt Ion:184 Resp: 221511

Ion Ratio Lower Upper

184 100

185 12.8 11.9 17.9

183 12.0 8.7 13.1



#78

Pyrene

Concen: 41.854 ng

RT: 19.624 min Scan# 2814

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

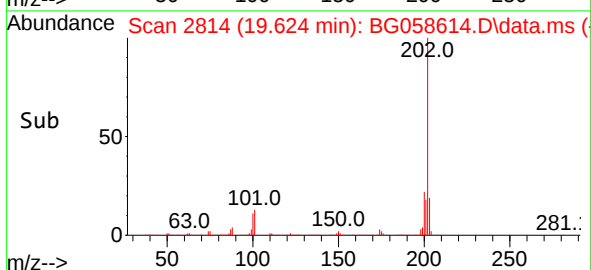
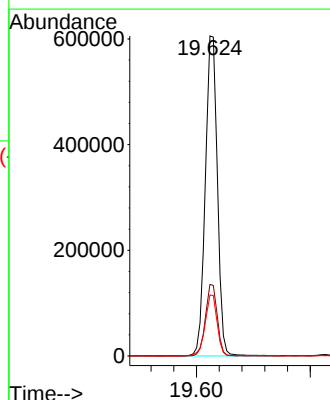
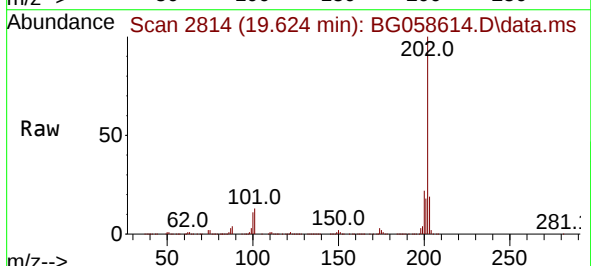
Tgt Ion:202 Resp: 886920

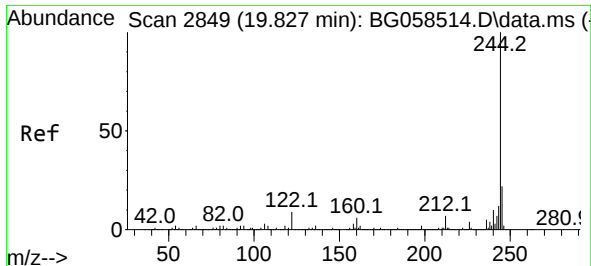
Ion Ratio Lower Upper

202 100

200 22.3 18.2 27.2

203 19.1 15.1 22.7

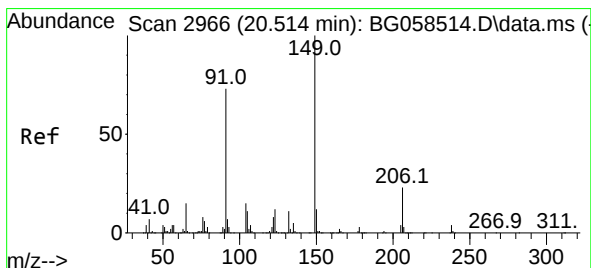
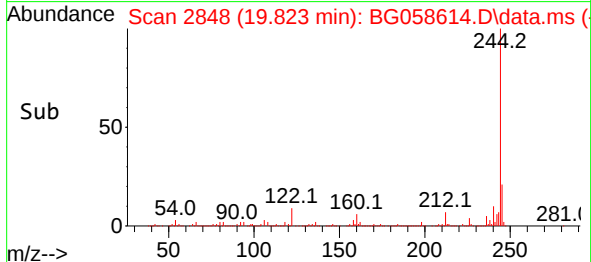
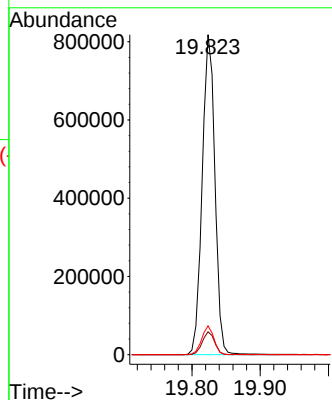
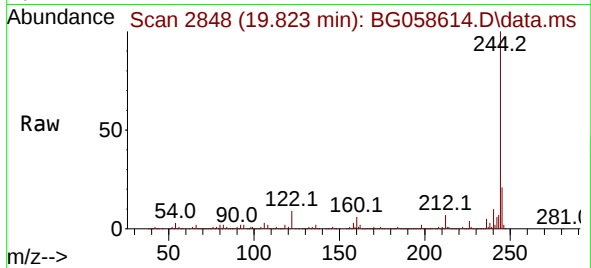




#79
 Terphenyl-d14
 Concen: 64.028 ng
 RT: 19.823 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

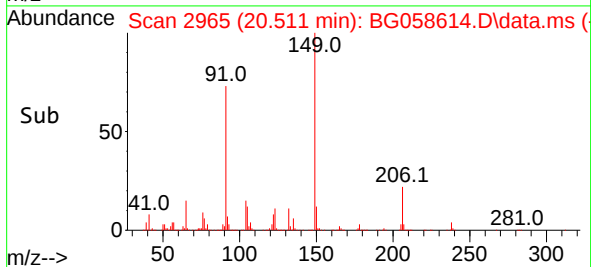
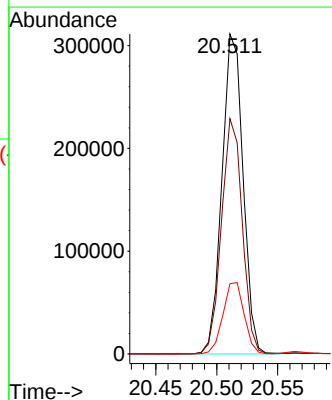
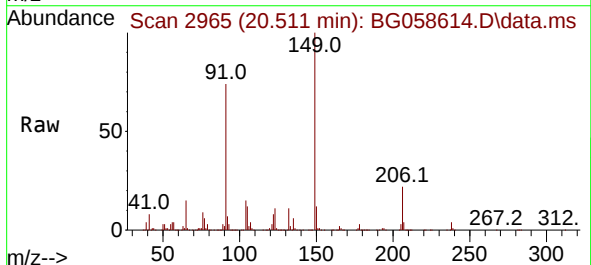
Instrument :
 BNA_G
 ClientSampleId :
 BERGENSWITCH-COMP1MSD

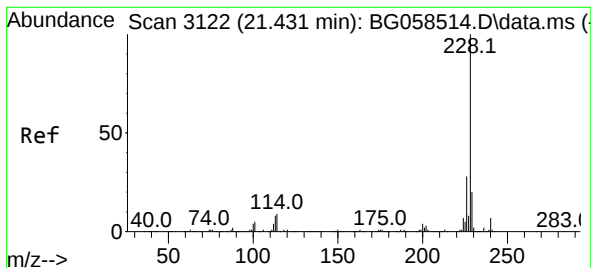
Tgt Ion:244 Resp: 1060165
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.0 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 43.076 ng
 RT: 20.511 min Scan# 2965
 Delta R.T. -0.003 min
 Lab File: BG058614.D
 Acq: 4 Aug 2023 16:50

Tgt Ion:149 Resp: 374944
 Ion Ratio Lower Upper
 149 100
 91 73.5 58.4 87.6
 206 22.0 18.3 27.5





#81

Benzo(a)anthracene

Concen: 42.558 ng

RT: 21.427 min Scan# 3122

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

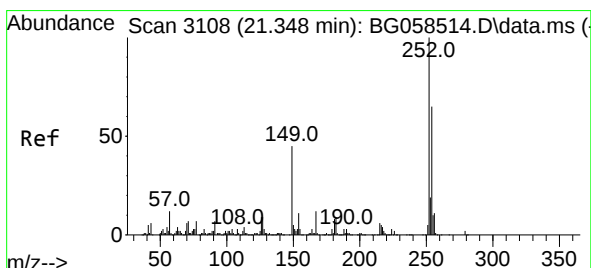
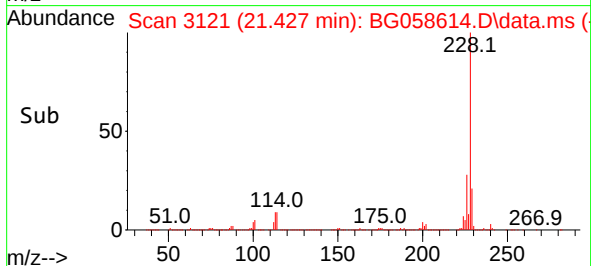
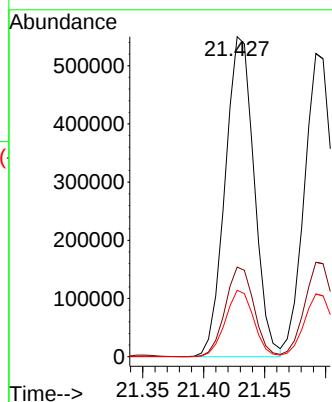
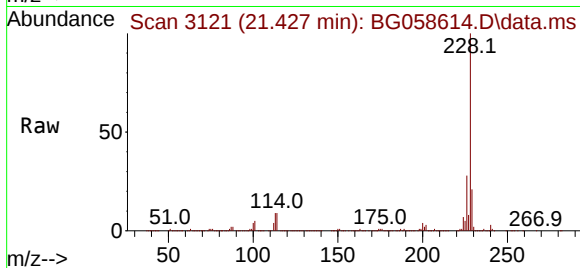
Tgt Ion:228 Resp: 911945

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 20.7 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 33.788 ng

RT: 21.351 min Scan# 3108

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

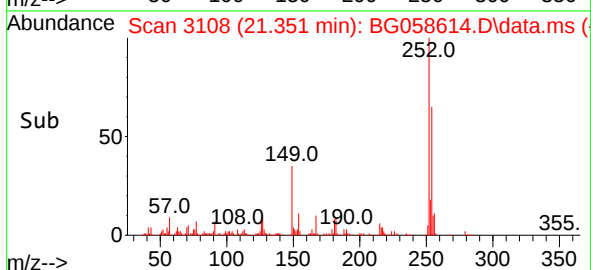
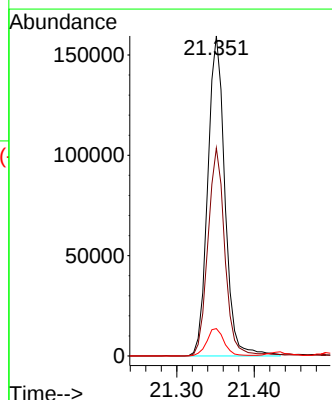
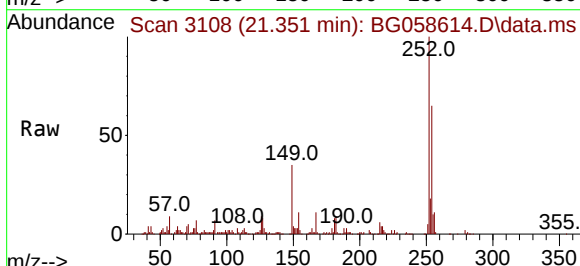
Tgt Ion:252 Resp: 244801

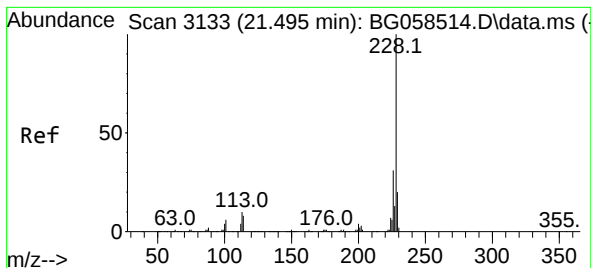
Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.4

126 8.6 7.2 10.8





#83

Chrysene

Concen: 41.022 ng

RT: 21.492 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

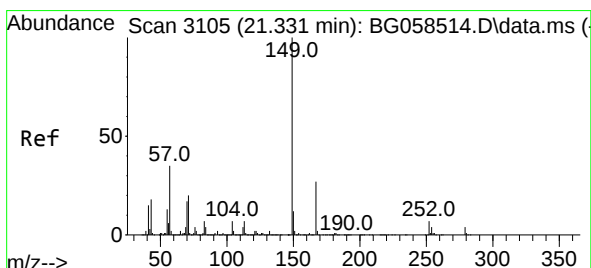
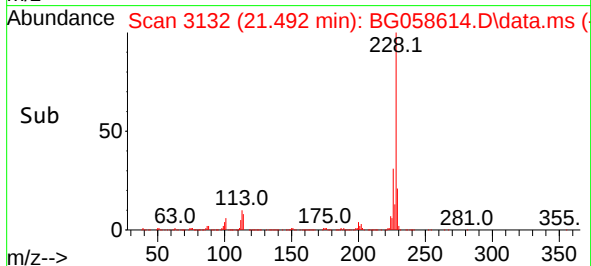
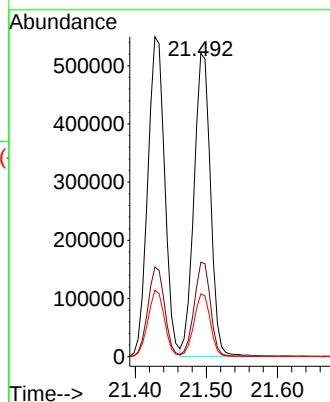
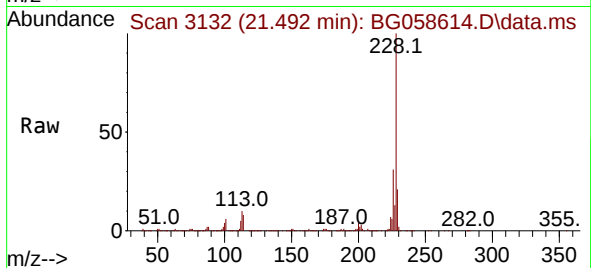
Tgt Ion:228 Resp: 842807

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

229 20.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.034 ng

RT: 21.333 min Scan# 3105

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

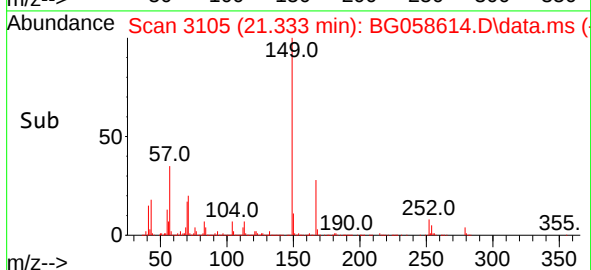
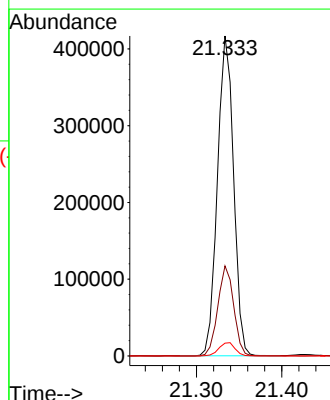
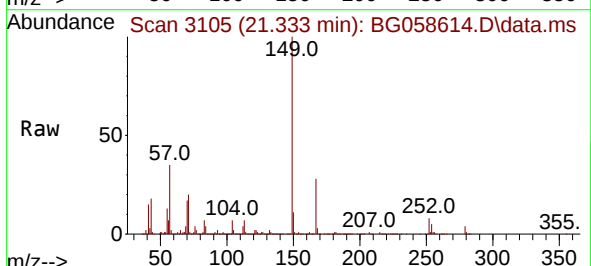
Tgt Ion:149 Resp: 547379

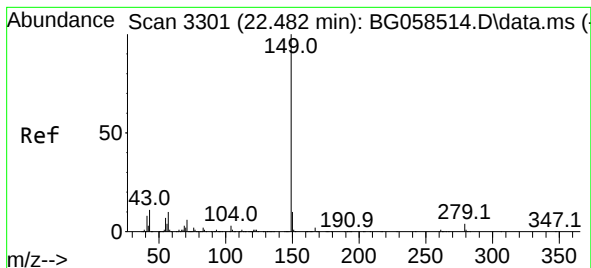
Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.340 ng

RT: 22.485 min Scan# 31

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

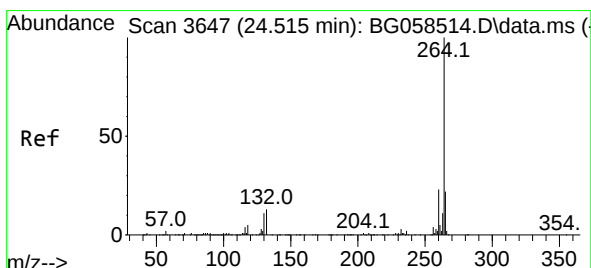
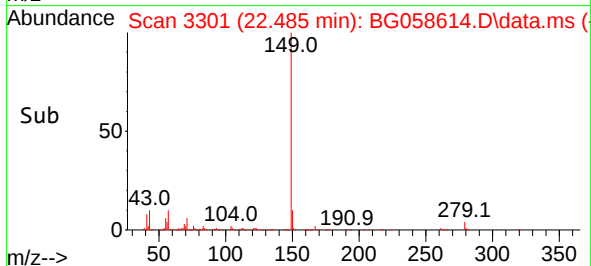
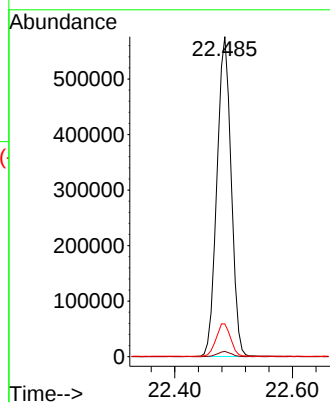
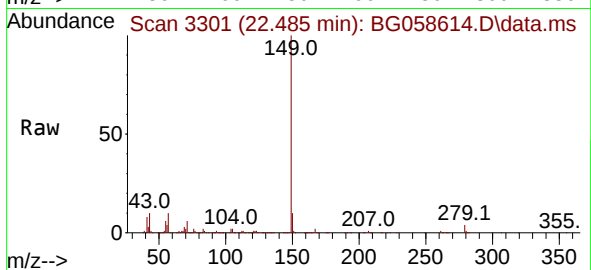
Tgt Ion:149 Resp: 969206

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.518 min Scan# 3647

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

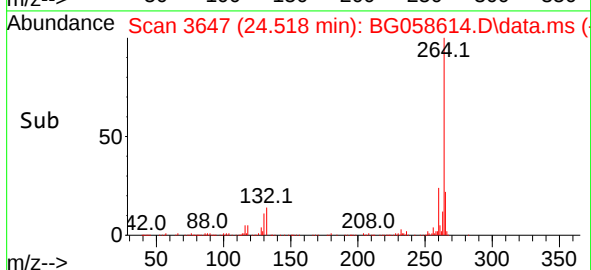
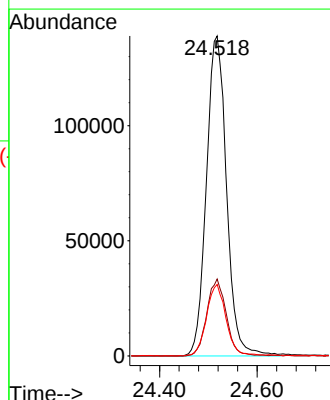
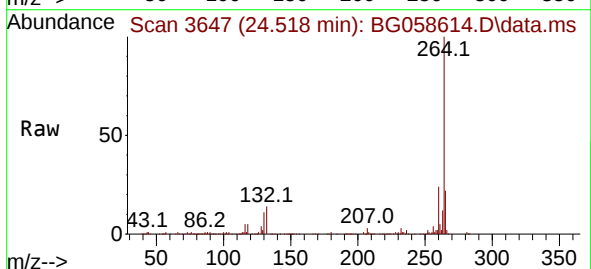
Tgt Ion:264 Resp: 398422

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.3 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.160 ng

RT: 28.026 min Scan# 41

Delta R.T. 0.015 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

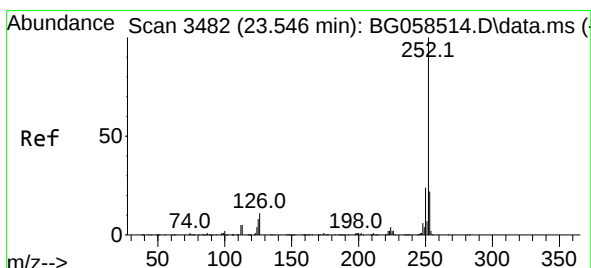
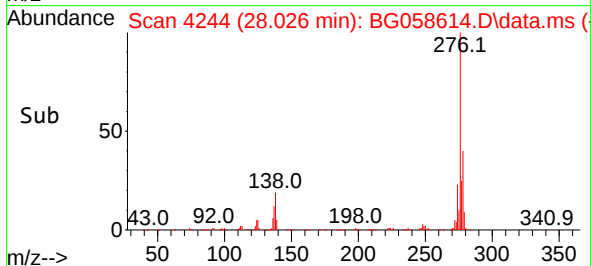
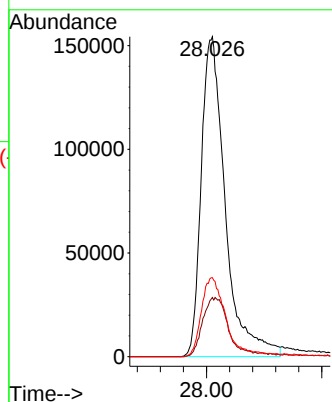
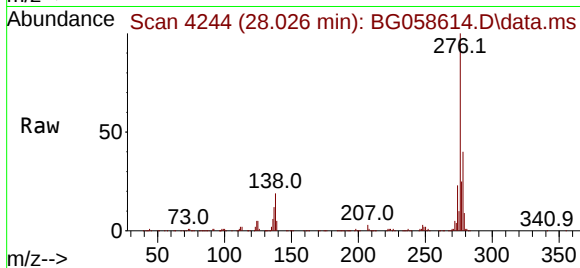
Tgt Ion:276 Resp: 1117494

Ion Ratio Lower Upper

276 100

138 8.9 16.0 24.0#

277 24.5 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 44.832 ng

RT: 23.549 min Scan# 3482

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

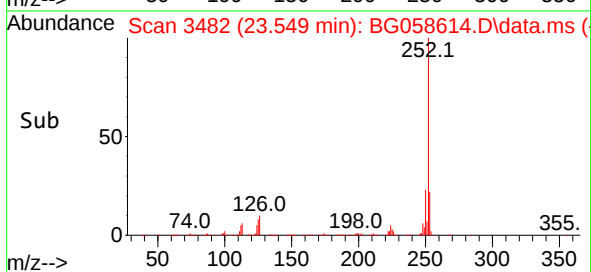
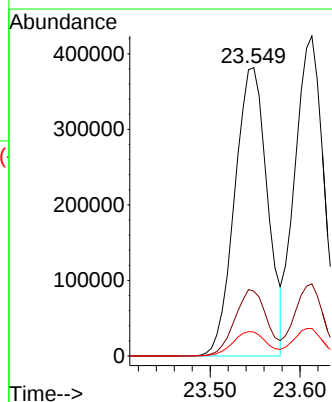
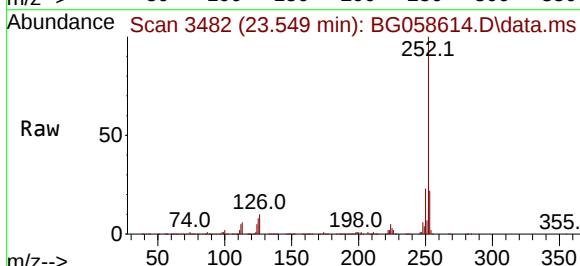
Tgt Ion:252 Resp: 968802

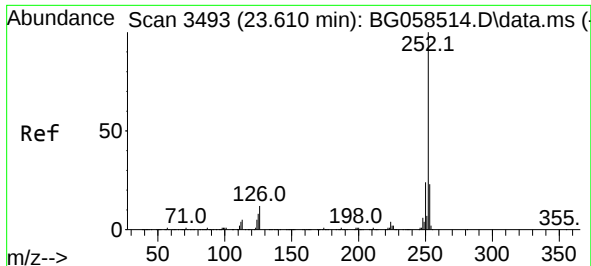
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 8.3 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 44.138 ng

RT: 23.613 min Scan# 3493

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

Instrument :

BNA_G

ClientSampleId :

BERGENSWITCH-COMP1MSD

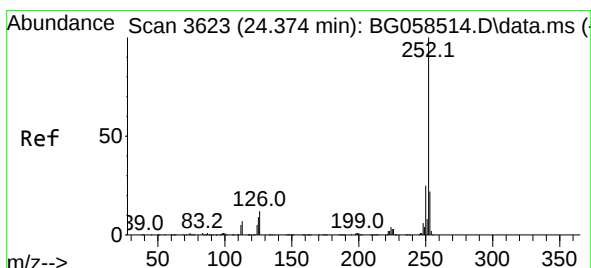
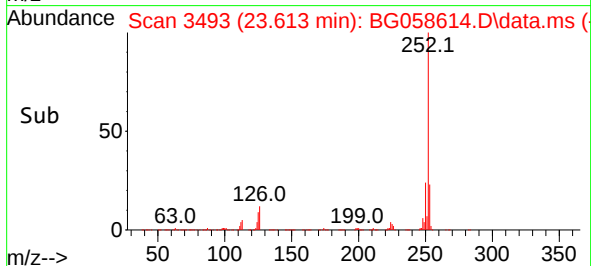
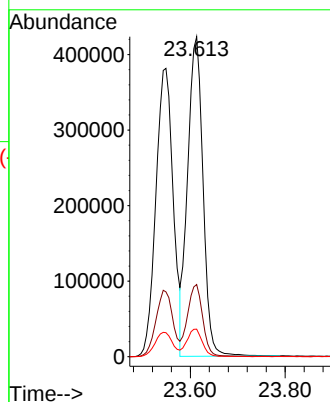
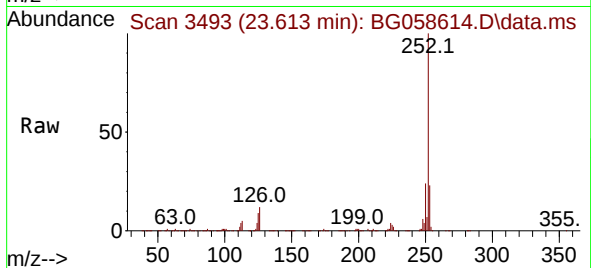
Tgt Ion:252 Resp: 958189

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 8.6 6.6 10.0



#90

Benzo(a)pyrene

Concen: 40.509 ng

RT: 24.377 min Scan# 3623

Delta R.T. 0.003 min

Lab File: BG058614.D

Acq: 4 Aug 2023 16:50

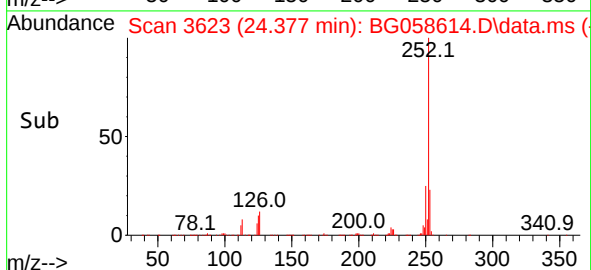
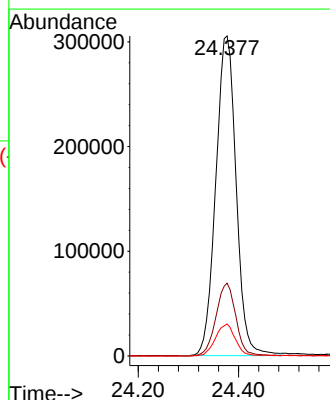
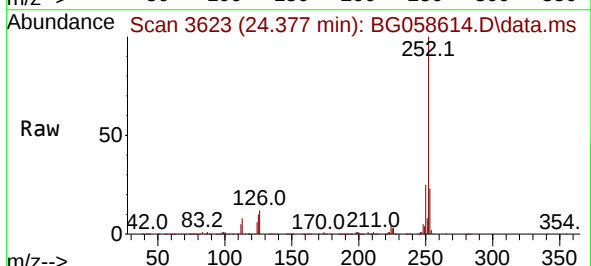
Tgt Ion:252 Resp: 859676

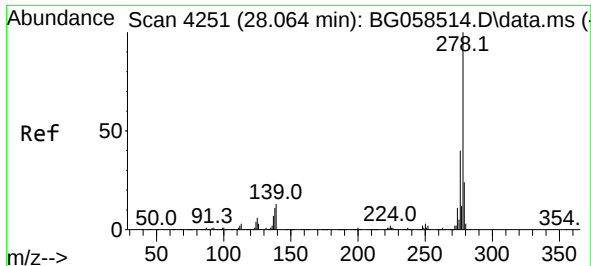
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 10.0 7.4 11.2

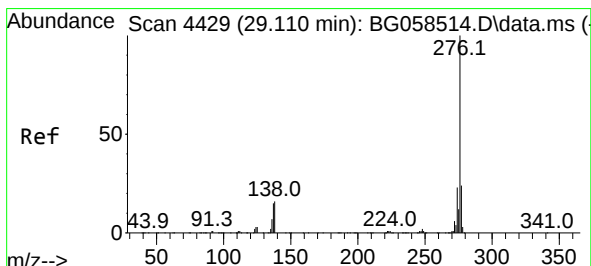
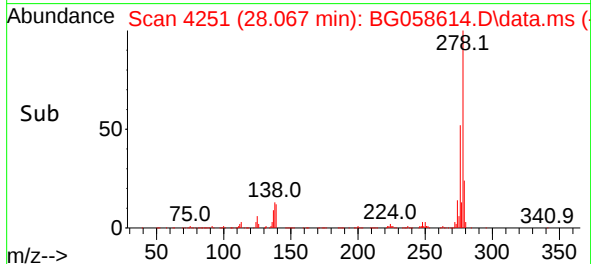
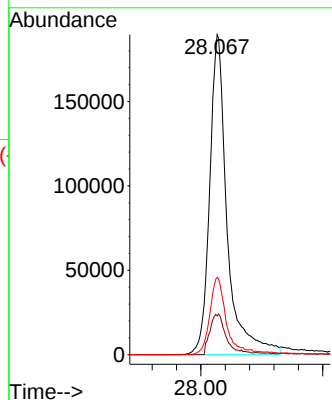
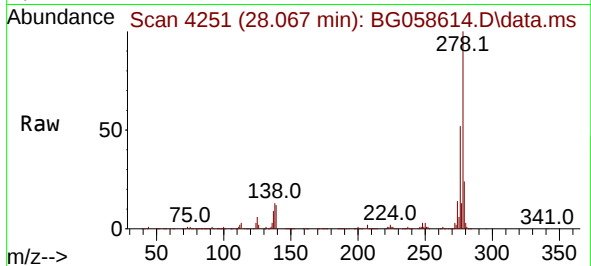




#91
Dibenzo(a,h)anthracene
Concen: 42.871 ng
RT: 28.067 min Scan# 41
Delta R.T. 0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Instrument :
BNA_G
ClientSampleId :
BERGENSWITCH-COMP1MSD

Tgt Ion:278 Resp: 939585
Ion Ratio Lower Upper
278 100
139 12.2 10.4 15.6
279 24.2 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 37.586 ng
RT: 29.107 min Scan# 4428
Delta R.T. -0.003 min
Lab File: BG058614.D
Acq: 4 Aug 2023 16:50

Tgt Ion:276 Resp: 826032
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 17.7 13.0 19.4

