

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059968.D
 Acq On : 6 Dec 2023 13:57
 Operator : MA/JU
 Sample : 05602-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-1MS

Quant Time: Dec 06 14:59:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	137508	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	480117	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	446105	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	1459480	20.000	ng	0.00
76) Chrysene-d12	21.619	240	1969218	20.000	ng	0.00
86) Perylene-d12	24.815	264	2245115	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	857376	125.278	ng	0.01
7) Phenol-d6	7.118	99	987440	91.542	ng	0.00
23) Nitrobenzene-d5	9.122	82	818854	60.967	ng	0.00
42) 2,4,6-Tribromophenol	16.090	330	1299158	90.515	ng	0.00
45) 2-Fluorobiphenyl	13.223	172	2819943	68.945	ng	0.00
79) Terphenyl-d14	19.968	244	6031284	52.799	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	69495	30.034	ng	# 83
3) Pyridine	3.845	79	118943	17.225	ng	# 93
4) n-Nitrosodimethylamine	3.751	42	108878	29.992	ng	# 77
6) Aniline	7.288	93	97758	8.212	ng	92
8) 2-Chlorophenol	7.523	128	265245	39.733	ng	96
9) Benzaldehyde	7.100	77	80260	10.016	ng	96
10) Phenol	7.142	94	348705	32.319	ng	95
11) bis(2-Chloroethyl)ether	7.382	93	246303	32.803	ng	88
12) 1,3-Dichlorobenzene	7.847	146	324316	33.756	ng	92
13) 1,4-Dichlorobenzene	7.847	146	324316	32.608	ng	96
14) 1,2-Dichlorobenzene	8.311	146	327694	33.608	ng	98
15) Benzyl Alcohol	8.193	79	342556	32.136	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.487	45	131702	33.399	ng	95
17) 2-Methylphenol	8.393	107	257895	35.471	ng	# 88
18) Hexachloroethane	9.045	117	108933	28.229	ng	91
19) n-Nitroso-di-n-propyla...	8.763	70	251279	31.085	ng	# 94
20) 3+4-Methylphenols	8.722	107	350623	33.985	ng	87
22) Acetophenone	8.781	105	533506	34.773	ng	# 91
24) Nitrobenzene	9.163	77	404339	30.086	ng	# 84
25) Isophorone	9.686	82	707405	30.635	ng	# 92
26) 2-Nitrophenol	9.874	139	165342	38.687	ng	91
27) 2,4-Dimethylphenol	9.932	122	255648	43.577	ng	96
28) bis(2-Chloroethoxy)met...	10.167	93	336591	31.025	ng	# 91
29) 2,4-Dichlorophenol	10.408	162	441312	37.781	ng	99
30) 1,2,4-Trichlorobenzene	10.626	180	556795	32.689	ng	93
31) Naphthalene	10.814	128	886108	35.904	ng	95
32) Benzoic acid	10.050	122	207332	37.062	ng	95
33) 4-Chloroaniline	10.925	127	24755	2.572	ng	# 78
34) Hexachlorobutadiene	11.102	225	542982	28.432	ng	92
35) Caprolactam	11.689	113	45605	18.564	ng	# 84
36) 4-Chloro-3-methylphenol	12.042	107	366233	38.074	ng	98
37) 2-Methylnaphthalene	12.424	142	742333	35.437	ng	91
38) 1-Methylnaphthalene	12.641	142	704735	34.449	ng	97
40) 1,2,4,5-Tetrachloroben...	12.788	216	1097171	34.452	ng	99
41) Hexachlorocyclopentadiene	12.770	237	1344829	83.339	ng	93
43) 2,4,6-Trichlorophenol	13.023	196	597157	36.619	ng	98

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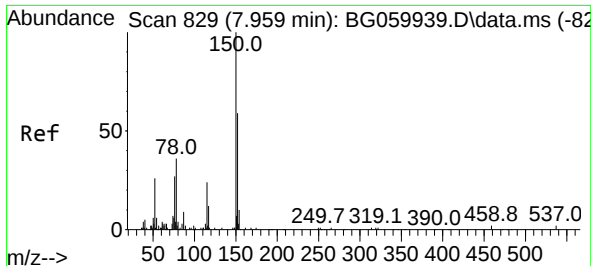
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.099	196	648312	36.153	ng	96
46) 1,1'-Biphenyl	13.434	154	1254748	38.487	ng	97
47) 2-Chloronaphthalene	13.475	162	1034664	35.472	ng	99
48) 2-Nitroaniline	13.675	65	202228	36.576	ng	93
49) Acenaphthylene	14.321	152	1560836	39.982	ng	97
50) Dimethylphthalate	14.057	163	1401022	36.893	ng	99
51) 2,6-Dinitrotoluene	14.169	165	294656	35.415	ng	85
52) Acenaphthene	14.662	154	920480	32.669	ng	92
53) 3-Nitroaniline	14.498	138	33557	6.501	ng	87
54) 2,4-Dinitrophenol	14.697	184	565340	77.903	ng	# 88
55) Dibenzofuran	14.997	168	1750161	36.826	ng	98
56) 4-Nitrophenol	14.797	139	323002	72.105	ng	89
57) 2,4-Dinitrotoluene	14.956	165	418307	36.149	ng	88
58) Fluorene	15.643	166	1491794	36.887	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.220	232	752345	35.268	ng	99
60) Diethylphthalate	15.420	149	1212833	35.857	ng	98
61) 4-Chlorophenyl-phenyle...	15.643	204	1229462	33.512	ng	97
62) 4-Nitroaniline	15.661	138	150779	25.378	ng	# 77
63) Azobenzene	15.937	77	1067617	30.426	ng	91
65) 4,6-Dinitro-2-methylph...	15.714	198	393393	35.255	ng	98
66) n-Nitrosodiphenylamine	15.855	169	1205621	36.062	ng	95
67) 4-Bromophenyl-phenylether	16.536	248	775153	31.000	ng	# 92
68) Hexachlorobenzene	16.648	284	1002439	36.081	ng	98
69) Atrazine	16.801	200	289401	17.544	ng	96
70) Pentachlorophenol	16.989	266	1421282	70.596	ng	95
71) Phenanthrene	17.388	178	2703843	39.234	ng	99
72) Anthracene	17.482	178	2769725	39.319	ng	98
73) Carbazole	17.747	167	1854542	34.639	ng	96
74) Di-n-butylphthalate	18.317	149	1915076	41.355	ng	99
75) Fluoranthene	19.404	202	3845782	33.955	ng	96
78) Pyrene	19.768	202	3890205	37.121	ng	93
80) Butylbenzylphthalate	20.661	149	716591	48.203	ng	91
81) Benzo(a)anthracene	21.601	228	4815682	36.652	ng	94
83) Chrysene	21.666	228	4440366	36.047	ng	94
84) Bis(2-ethylhexyl)phtha...	21.525	149	1061650	46.670	ng	98
85) Di-n-octyl phthalate	22.735	149	1885267	47.956	ng	98
87) Indeno(1,2,3-cd)pyrene	28.464	276	6708971	40.467	ng	# 100
88) Benzo(b)fluoranthene	23.804	252	5255201	37.870	ng	99
89) Benzo(k)fluoranthene	23.869	252	5101245	37.725	ng	98
90) Benzo(a)pyrene	24.662	252	4674163	37.715	ng	# 97
91) Dibenzo(a,h)anthracene	28.528	278	5710613	40.570	ng	97
92) Benzo(g,h,i)perylene	29.603	276	5230893	38.424	ng	# 98

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

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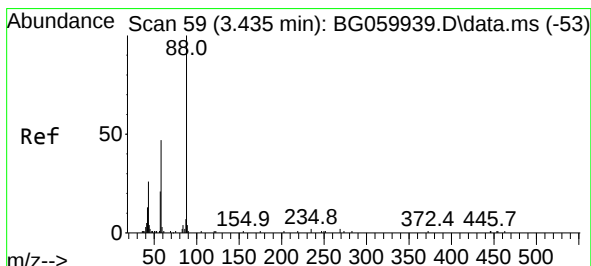
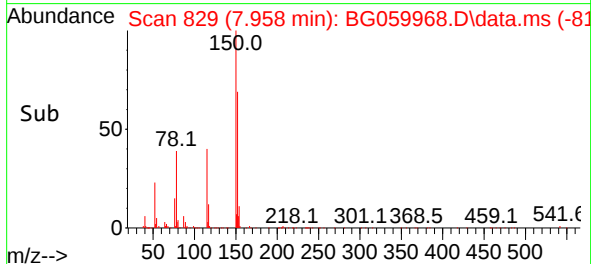
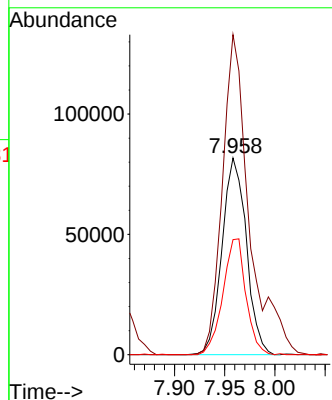
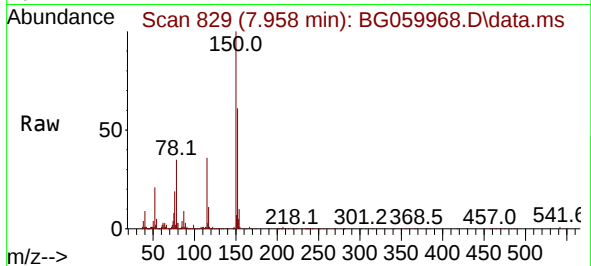




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

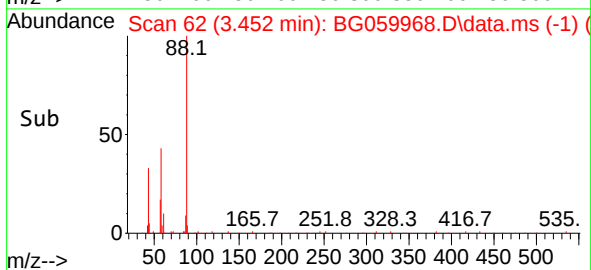
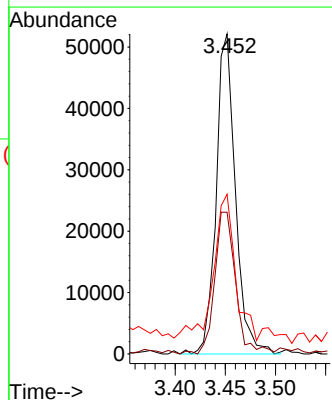
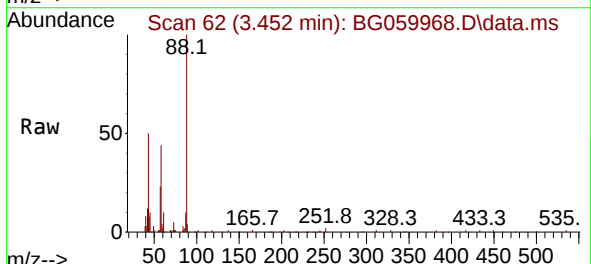
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

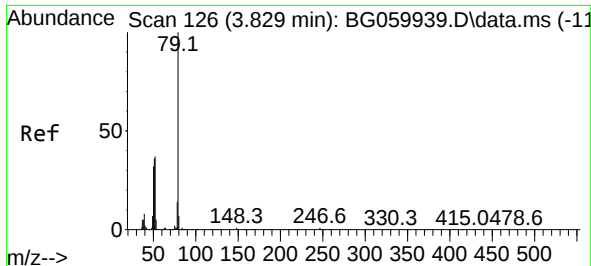
Tgt Ion:152 Resp: 137508
Ion Ratio Lower Upper
152 100
150 162.8 136.9 205.3
115 58.6 32.9 49.3#



#2
1,4-Dioxane
Concen: 30.034 ng
RT: 3.452 min Scan# 62
Delta R.T. 0.017 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion: 88 Resp: 69495
Ion Ratio Lower Upper
88 100
58 48.1 38.2 57.2
43 50.3 21.0 31.4#





#3

Pyridine

Concen: 17.225 ng

RT: 3.845 min Scan# 11

Delta R.T. 0.017 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

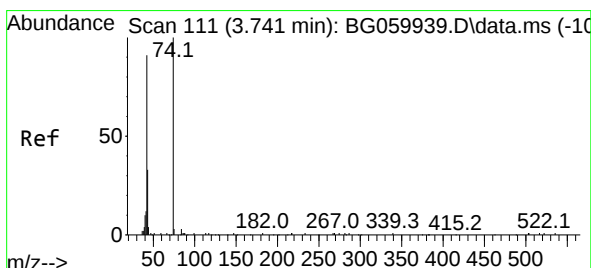
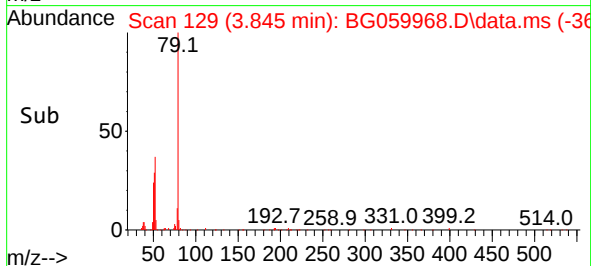
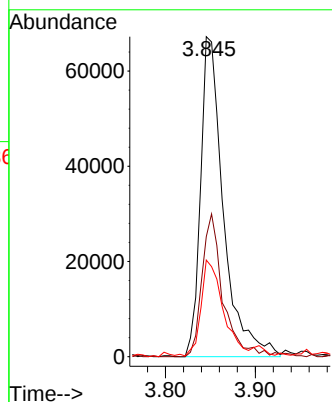
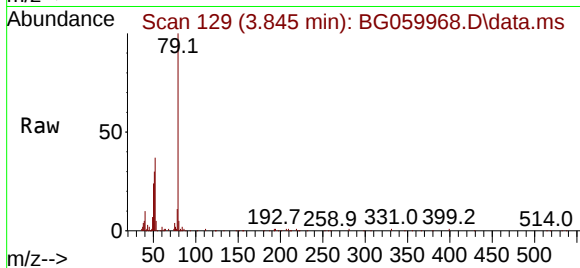
Tgt Ion: 79 Resp: 118943

Ion Ratio Lower Upper

79 100

52 37.5 29.8 44.8

51 30.2 30.3 45.5#



#4

n-Nitrosodimethylamine

Concen: 29.992 ng

RT: 3.751 min Scan# 113

Delta R.T. 0.011 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

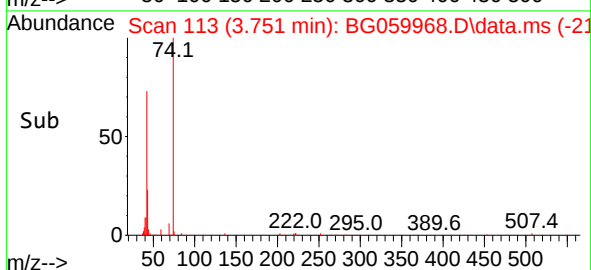
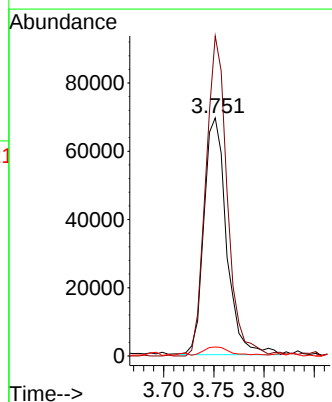
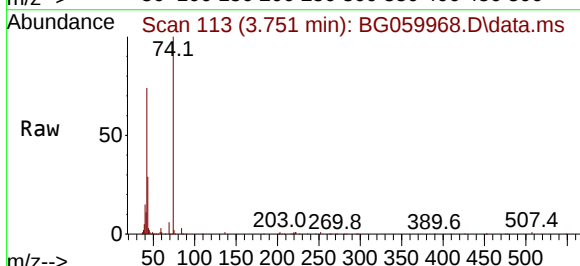
Tgt Ion: 42 Resp: 108878

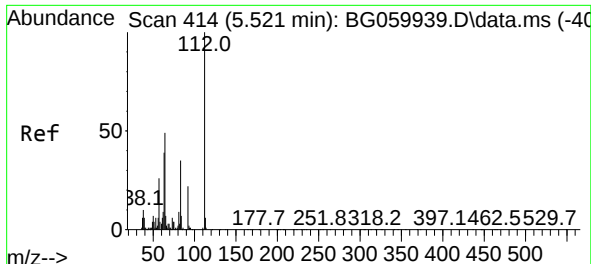
Ion Ratio Lower Upper

42 100

74 134.4 87.4 131.2#

44 3.8 3.7 5.5

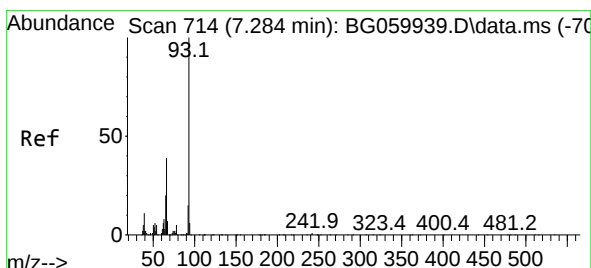
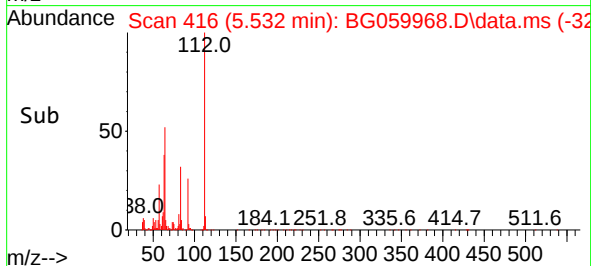
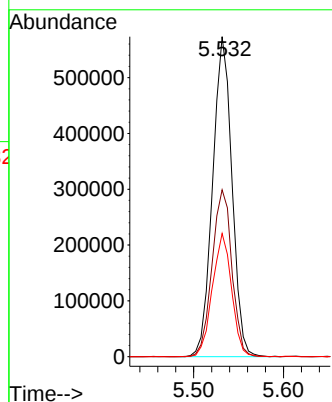
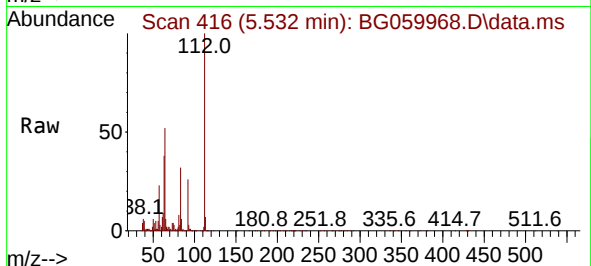




#5
2-Fluorophenol
Concen: 125.278 ng
RT: 5.532 min Scan# 414
Delta R.T. 0.011 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

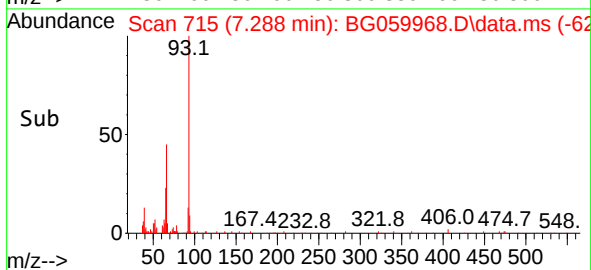
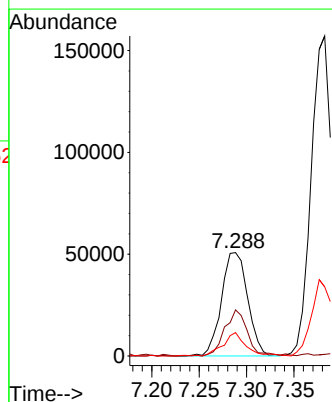
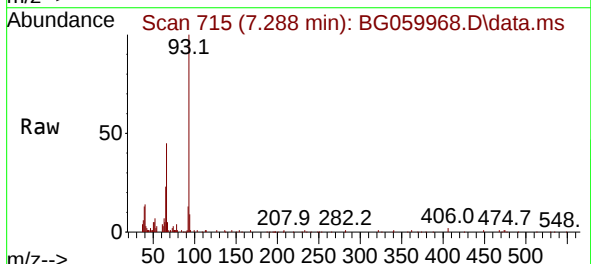
Instrument :
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SPRING-VALLEY-TP-1MS

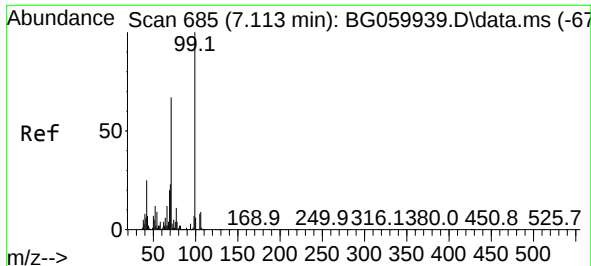
Tgt Ion:112 Resp: 857376
Ion Ratio Lower Upper
112 100
64 52.1 39.4 59.0
63 38.5 31.2 46.8



#6
Aniline
Concen: 8.212 ng
RT: 7.288 min Scan# 715
Delta R.T. 0.005 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion: 93 Resp: 97758
Ion Ratio Lower Upper
93 100
66 44.6 31.4 47.0
65 22.6 16.2 24.2





#7

Phenol-d6

Concen: 91.542 ng

RT: 7.118 min Scan# 61

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

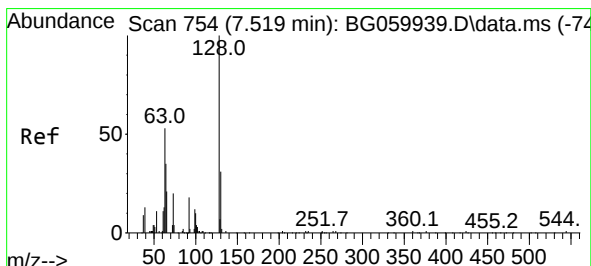
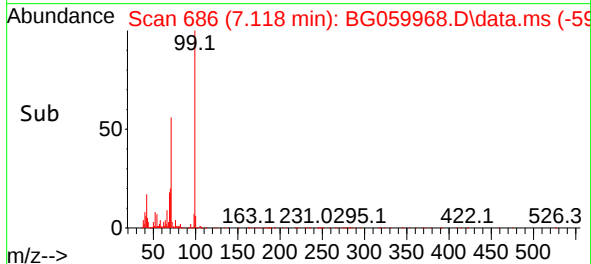
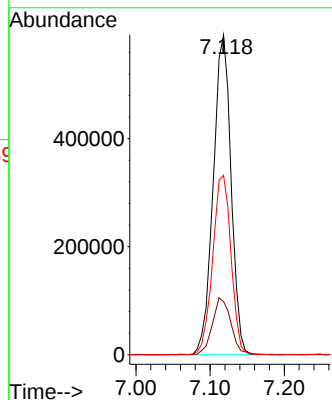
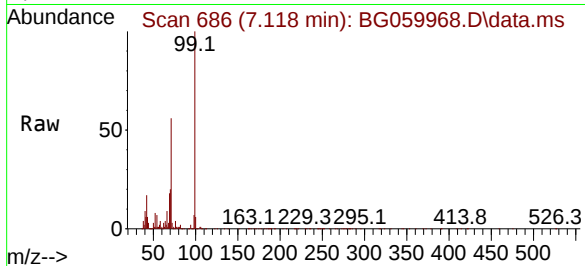
Tgt Ion: 99 Resp: 987440

Ion Ratio Lower Upper

99 100

42 16.6 20.1 30.1#

71 56.1 53.8 80.6



#8

2-Chlorophenol

Concen: 39.733 ng

RT: 7.523 min Scan# 755

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

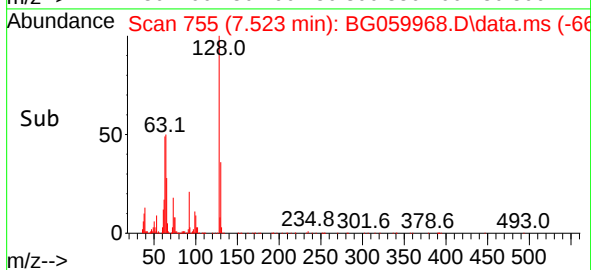
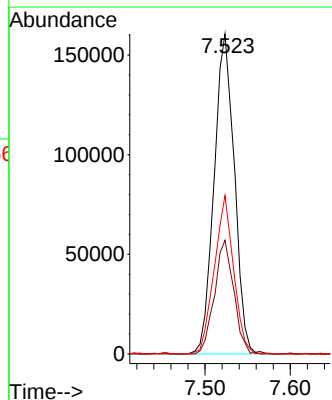
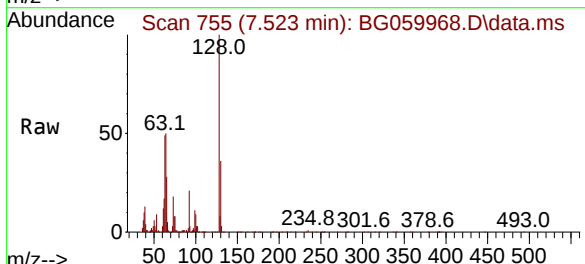
Tgt Ion:128 Resp: 265245

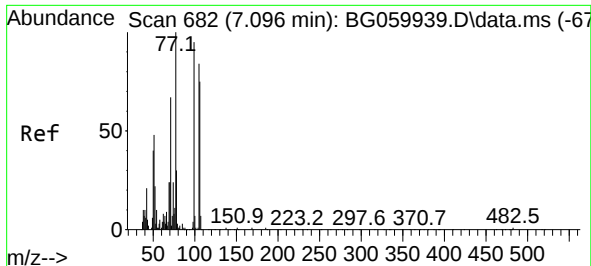
Ion Ratio Lower Upper

128 100

130 35.5 10.9 50.9

64 49.5 30.3 70.3

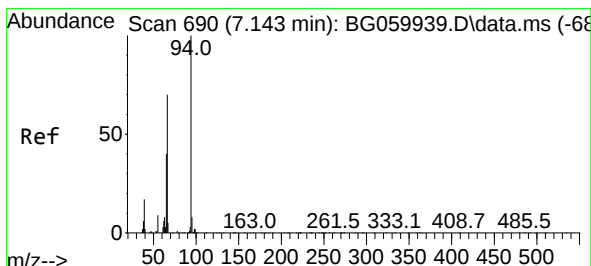
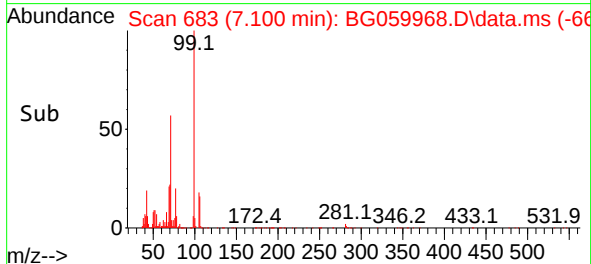
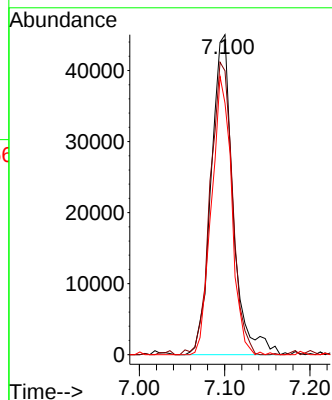
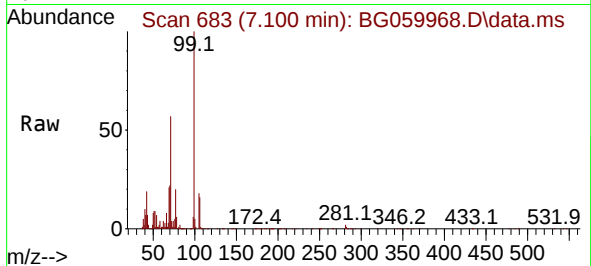




#9
Benzaldehyde
Concen: 10.016 ng
RT: 7.100 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

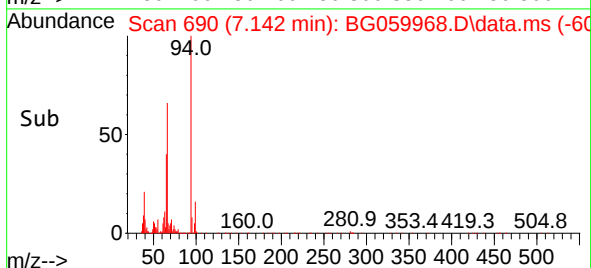
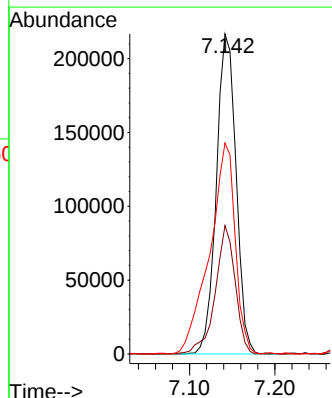
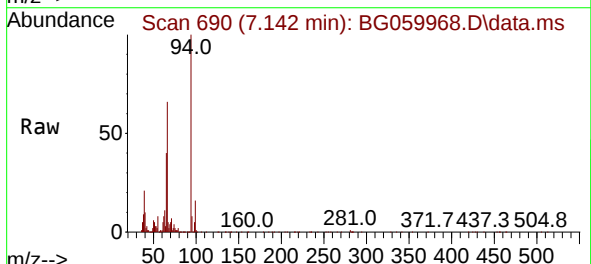
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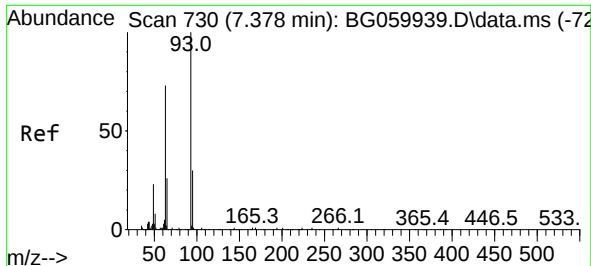
Tgt Ion: 77 Resp: 80260
Ion Ratio Lower Upper
77 100
105 88.7 64.2 104.2
106 78.6 55.6 95.6



#10
Phenol
Concen: 32.319 ng
RT: 7.142 min Scan# 690
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion: 94 Resp: 348705
Ion Ratio Lower Upper
94 100
65 40.1 20.6 60.6
66 65.9 52.1 92.1

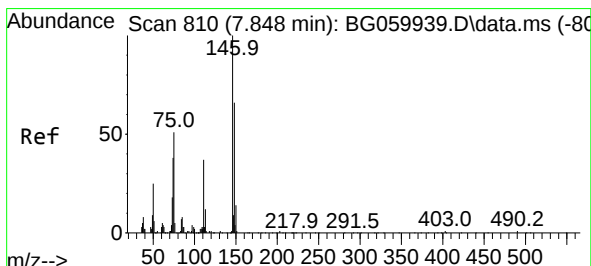
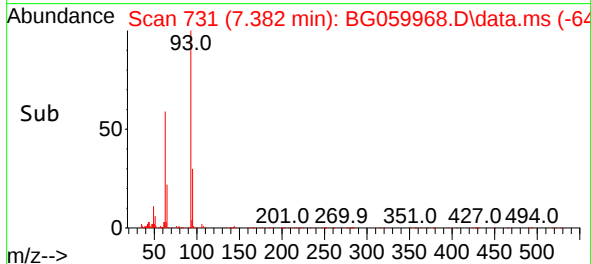
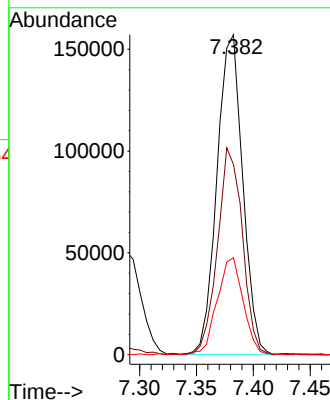
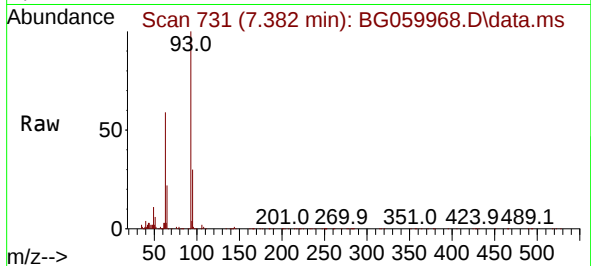




#11
bis(2-Chloroethyl)ether
Concen: 32.803 ng
RT: 7.382 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

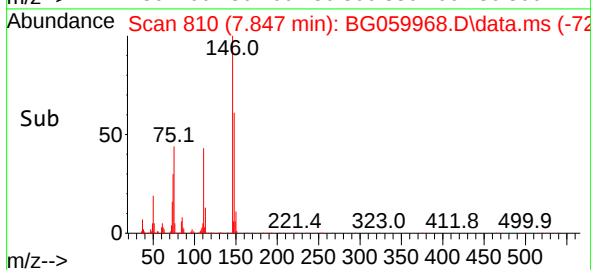
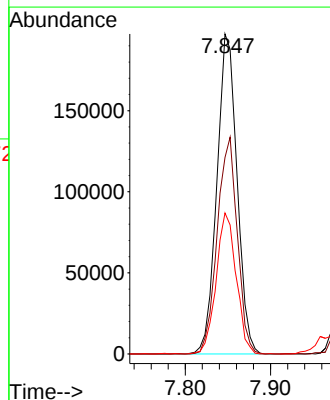
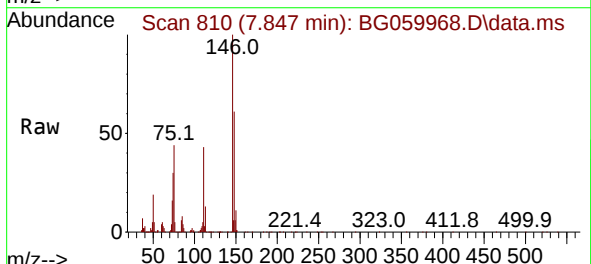
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

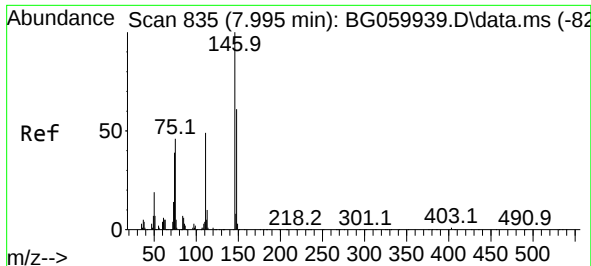
Tgt Ion: 93 Resp: 246303
Ion Ratio Lower Upper
93 100
63 59.5 52.9 92.9
95 30.3 9.9 49.9



#12
1,3-Dichlorobenzene
Concen: 33.756 ng
RT: 7.847 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:146 Resp: 324316
Ion Ratio Lower Upper
146 100
148 61.4 52.9 79.3
75 44.1 40.7 61.1

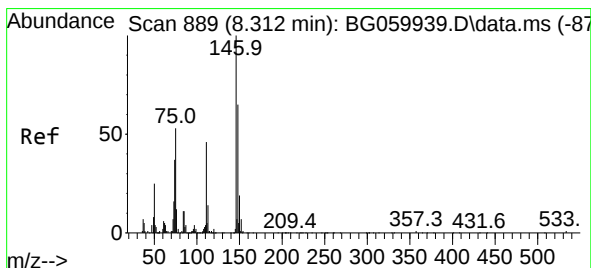
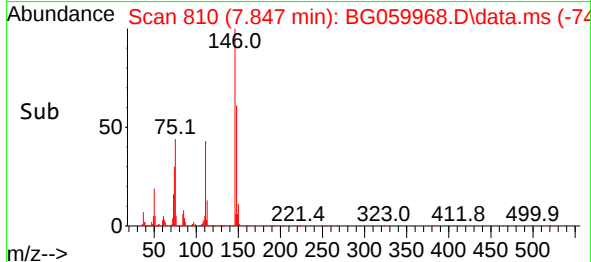
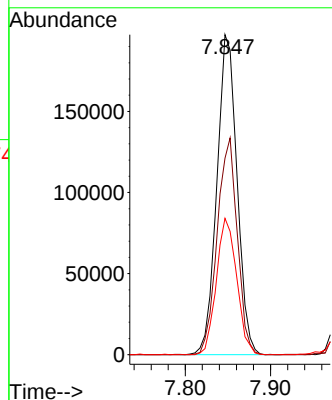
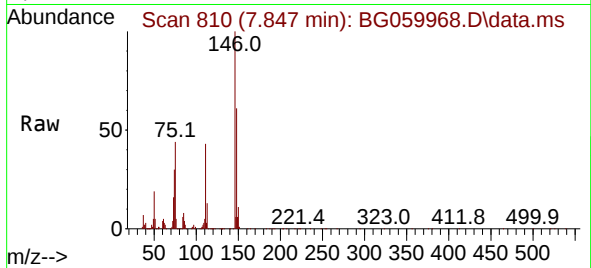




#13
1,4-Dichlorobenzene
Concen: 32.608 ng
RT: 7.847 min Scan# 81
Delta R.T. -0.148 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

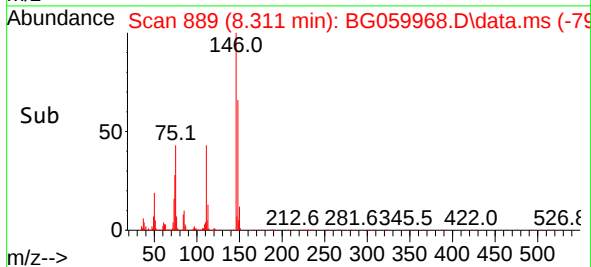
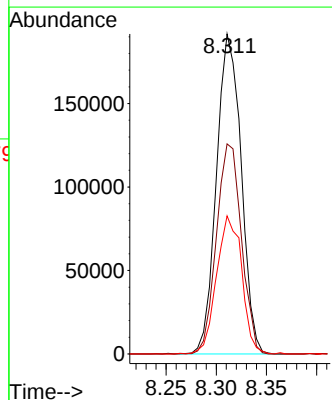
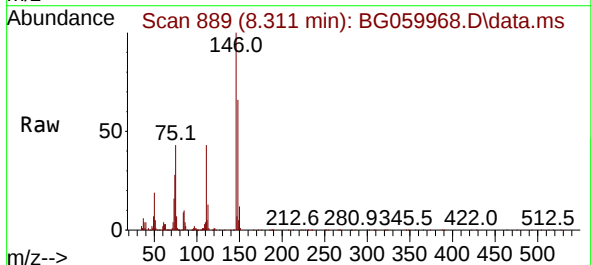
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

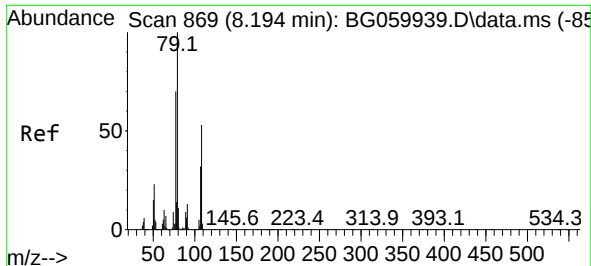
Tgt Ion:146 Resp: 324316
Ion Ratio Lower Upper
146 100
148 61.4 48.8 73.2
111 42.6 39.1 58.7



#14
1,2-Dichlorobenzene
Concen: 33.608 ng
RT: 8.311 min Scan# 889
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:146 Resp: 327694
Ion Ratio Lower Upper
146 100
148 65.7 52.4 78.6
111 43.1 36.7 55.1

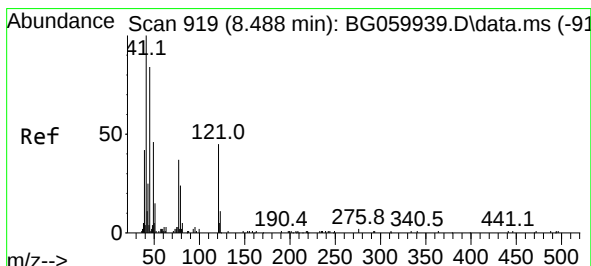
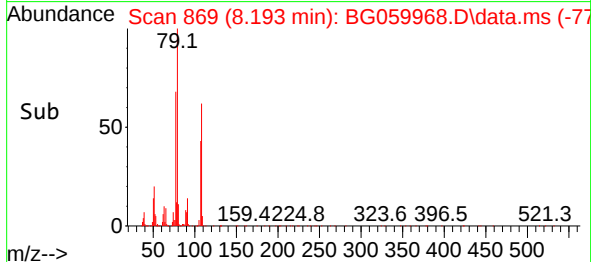
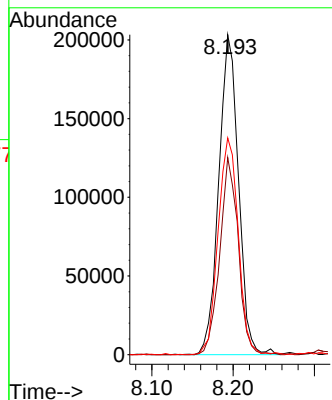
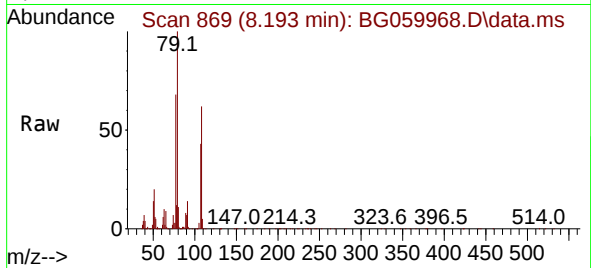




#15
Benzyl Alcohol
Concen: 32.136 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

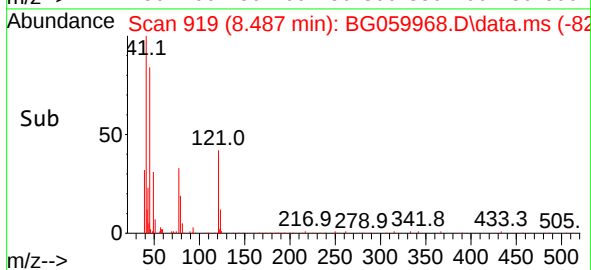
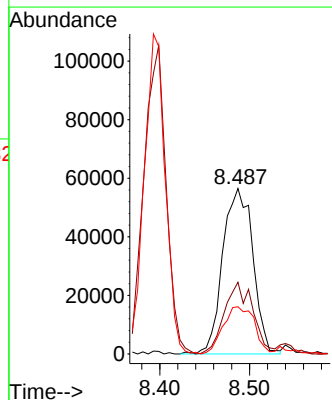
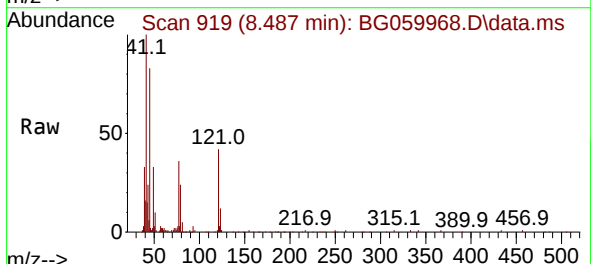
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

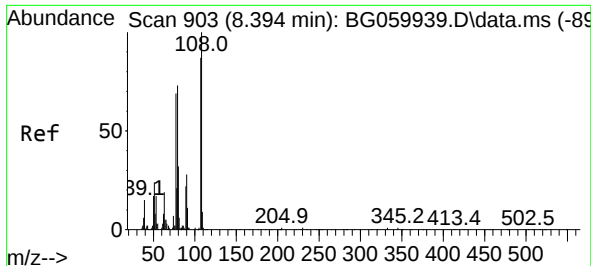
Tgt Ion: 79 Resp: 342556
Ion Ratio Lower Upper
79 100
108 61.6 42.7 64.1
77 67.8 56.3 84.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.399 ng
RT: 8.487 min Scan# 919
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion: 45 Resp: 131702
Ion Ratio Lower Upper
45 100
77 43.3 26.2 66.2
79 28.6 11.2 51.2

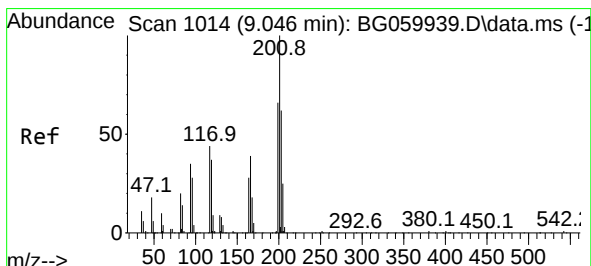
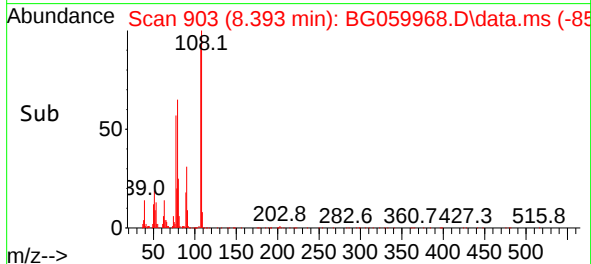
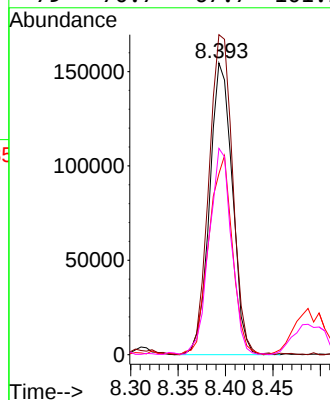
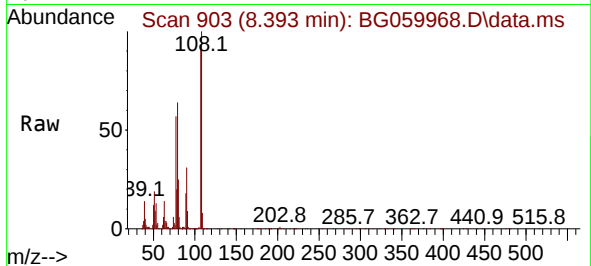




#17
2-Methylphenol
Concen: 35.471 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

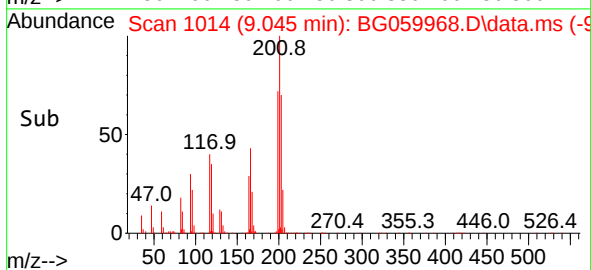
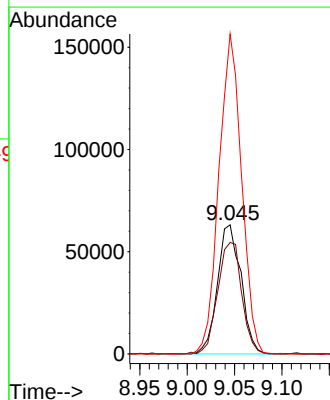
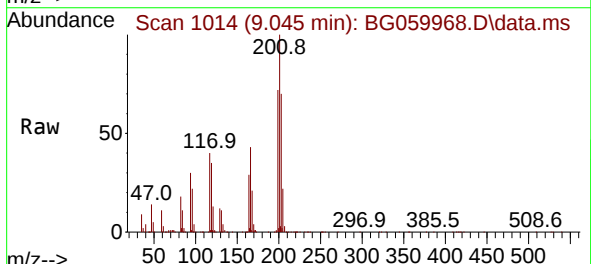
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

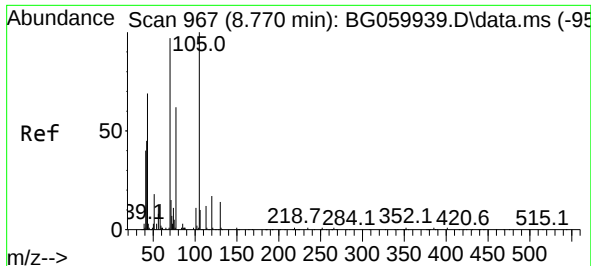
Tgt Ion:	107	Resp:	257895
Ion	Ratio	Lower	Upper
107	100		
108	109.7	92.2	138.4
77	62.0	63.7	95.5
79	70.7	67.7	101.5



#18
Hexachloroethane
Concen: 28.229 ng
RT: 9.045 min Scan# 1014
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:	117	Resp:	108933
Ion	Ratio	Lower	Upper
117	100		
119	86.4	67.5	101.3
201	247.8	183.0	274.6

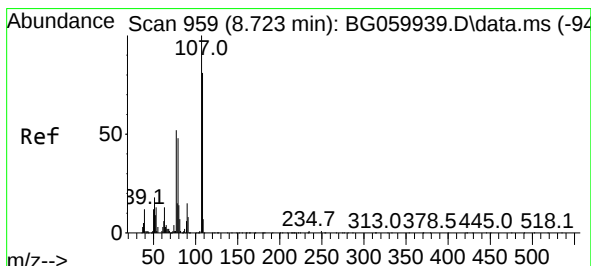
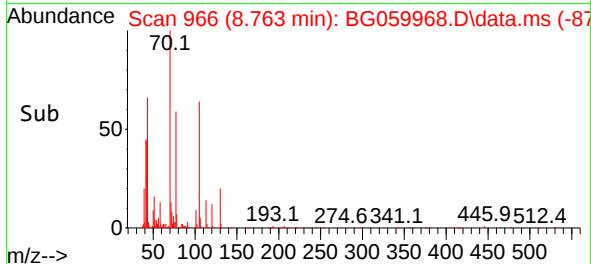
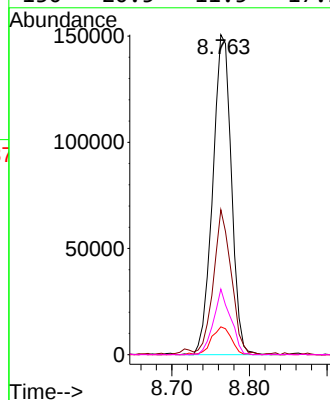
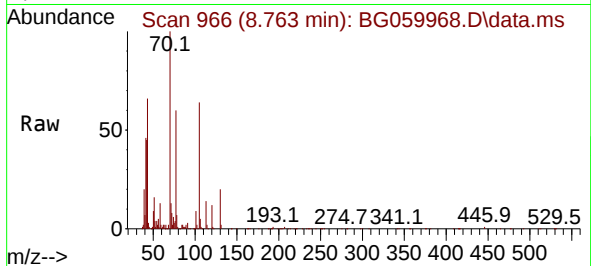




#19
n-Nitroso-di-n-propylamine
Concen: 31.085 ng
RT: 8.763 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

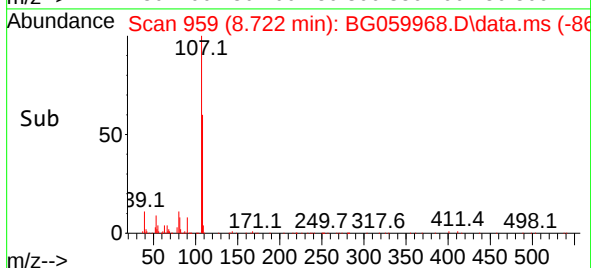
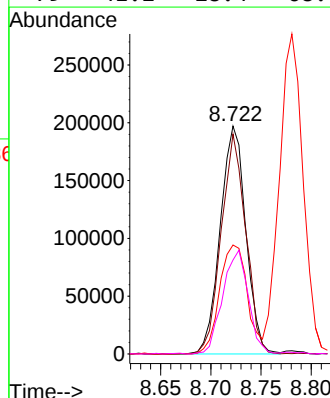
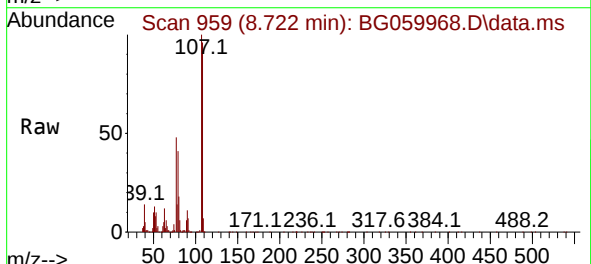
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

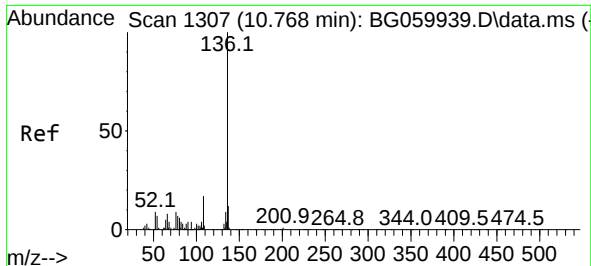
Tgt Ion: 70 Resp: 251279
Ion Ratio Lower Upper
70 100
42 45.3 38.1 57.1
101 8.7 8.6 13.0
130 20.5 11.5 17.3#



#20
3+4-Methylphenols
Concen: 33.985 ng
RT: 8.722 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:107 Resp: 350623
Ion Ratio Lower Upper
107 100
108 96.5 60.7 100.7
77 47.8 32.2 72.2
79 41.2 28.4 68.4

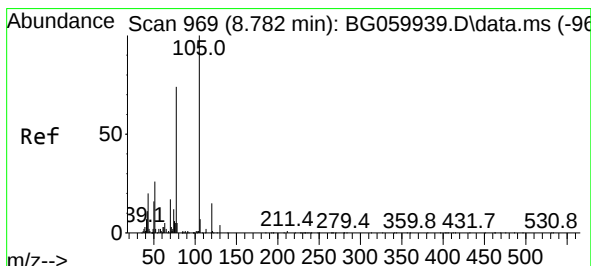
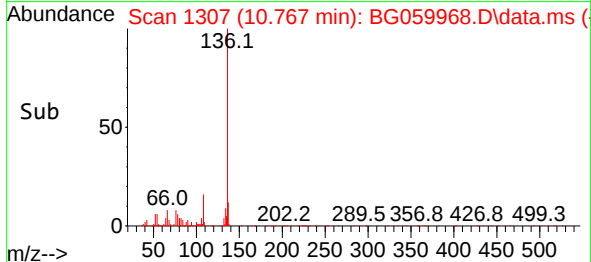
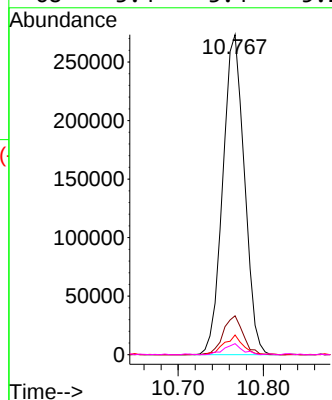
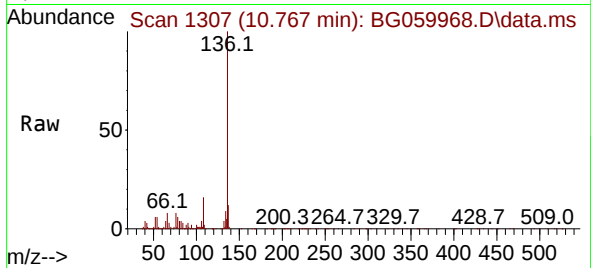




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

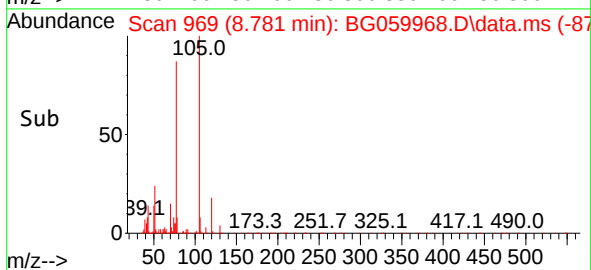
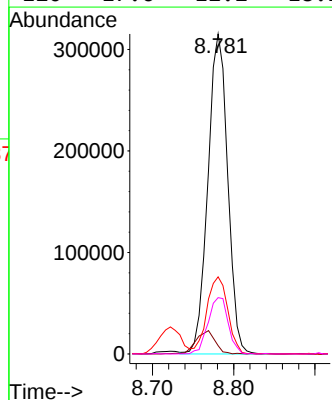
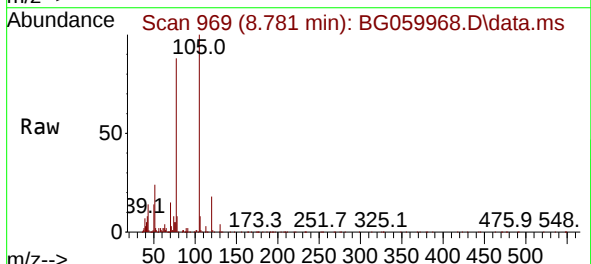
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

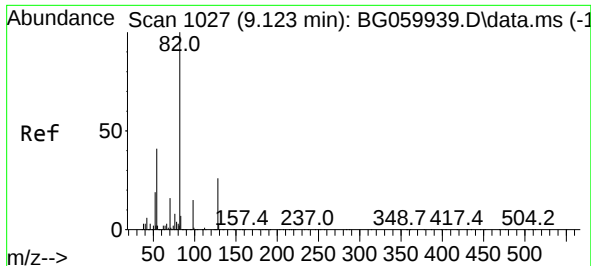
Tgt Ion:	136	Resp:	480117
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.6
54	6.1	5.8	8.6
68	3.4	3.4	5.2



#22
Acetophenone
Concen: 34.773 ng
RT: 8.781 min Scan# 969
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:	105	Resp:	533506
Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.0	4.4
51	24.1	24.4	36.6
120	17.6	12.2	18.2

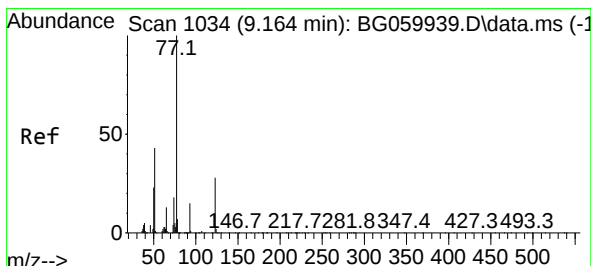
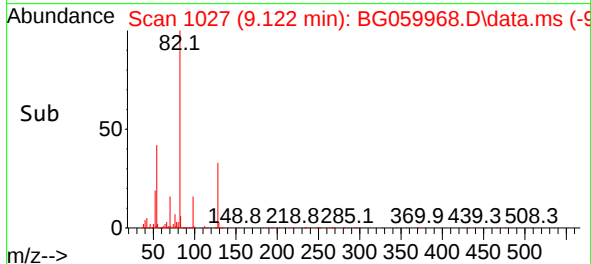
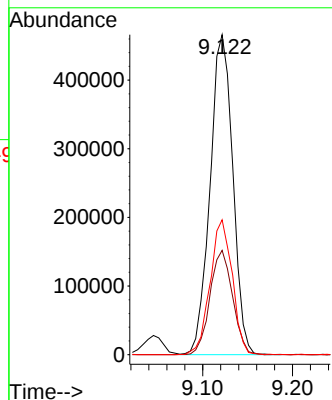
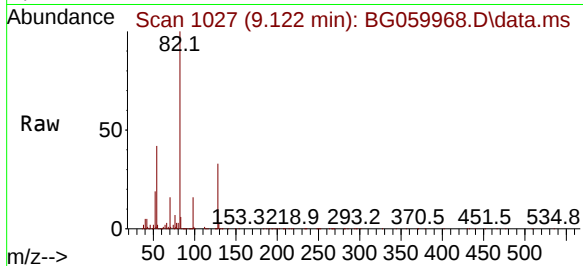




#23
Nitrobenzene-d5
Concen: 60.967 ng
RT: 9.122 min Scan# 1027
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

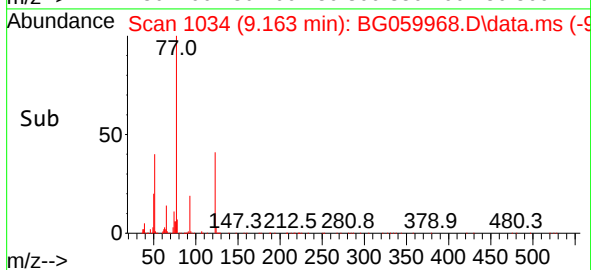
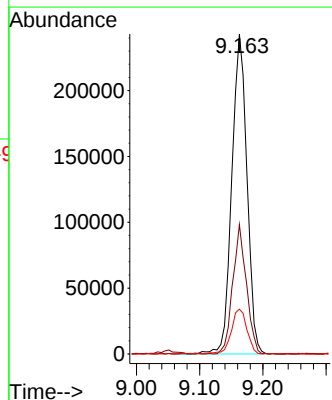
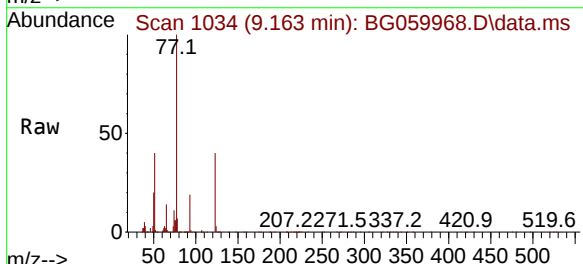
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

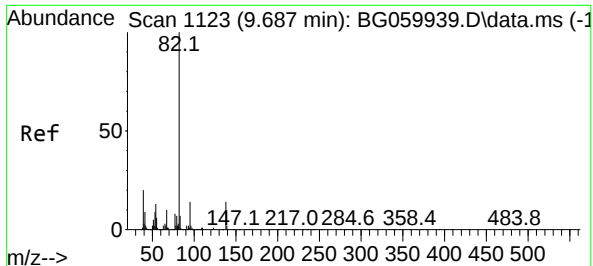
Tgt Ion: 82 Resp: 818854
Ion Ratio Lower Upper
82 100
128 32.6 21.0 31.6#
54 42.2 32.6 48.8



#24
Nitrobenzene
Concen: 30.086 ng
RT: 9.163 min Scan# 1034
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion: 77 Resp: 404339
Ion Ratio Lower Upper
77 100
123 40.5 22.7 34.1#
65 14.0 10.6 16.0

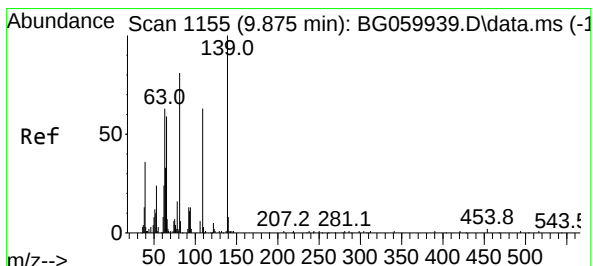
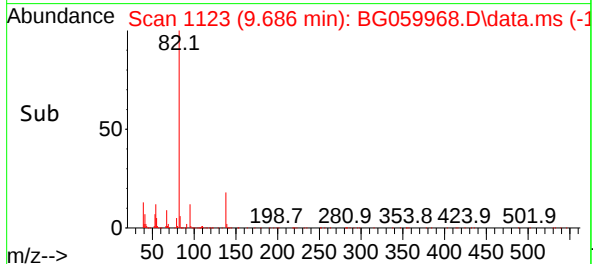
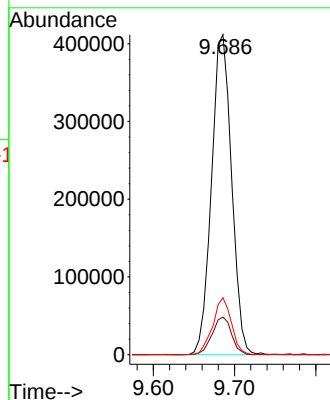
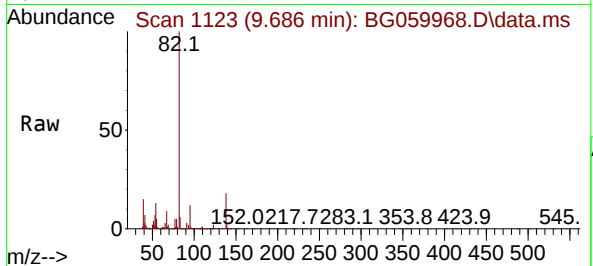




#25
Isophorone
Concen: 30.635 ng
RT: 9.686 min Scan# 1123
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

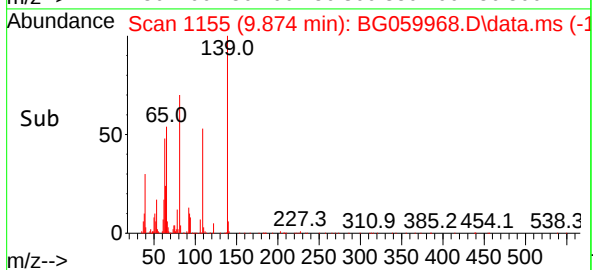
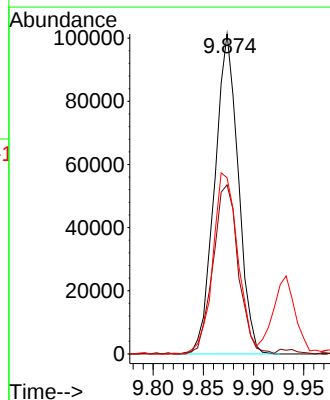
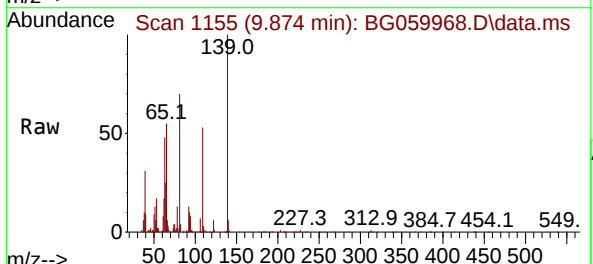
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

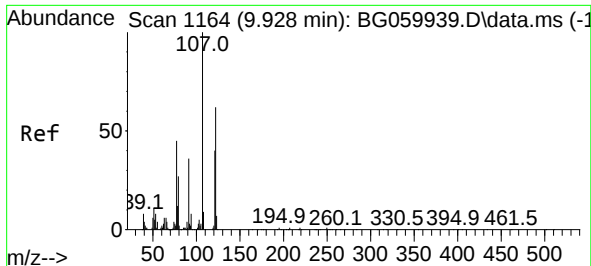
Tgt Ion: 82 Resp: 707405
Ion Ratio Lower Upper
82 100
95 11.8 11.2 16.8
138 17.8 11.0 16.4#



#26
2-Nitrophenol
Concen: 38.687 ng
RT: 9.874 min Scan# 1155
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:139 Resp: 165342
Ion Ratio Lower Upper
139 100
109 52.9 50.2 75.2
65 55.1 46.8 70.2





#27

2,4-Dimethylphenol

Concen: 43.577 ng

RT: 9.932 min Scan# 1165

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

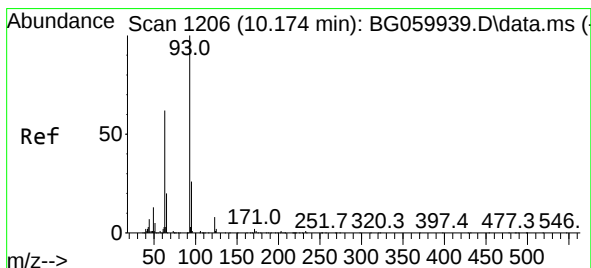
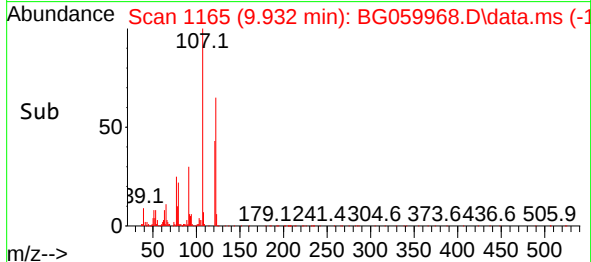
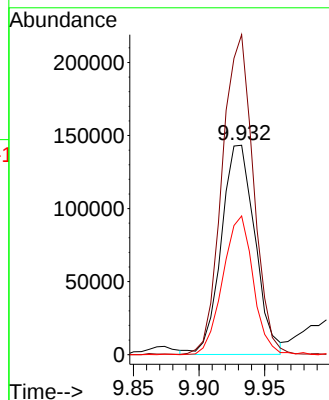
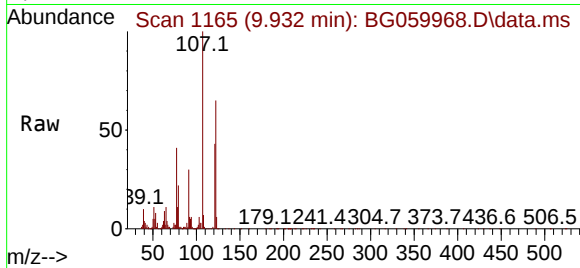
Tgt Ion:122 Resp: 255648

Ion Ratio Lower Upper

122 100

107 152.8 126.1 189.1

121 66.2 50.3 75.5



#28

bis(2-Chloroethoxy)methane

Concen: 31.025 ng

RT: 10.167 min Scan# 1205

Delta R.T. -0.007 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

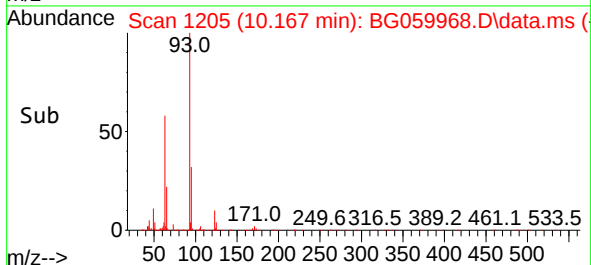
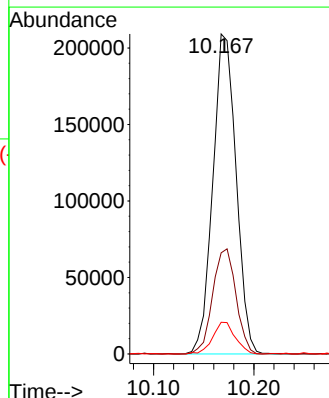
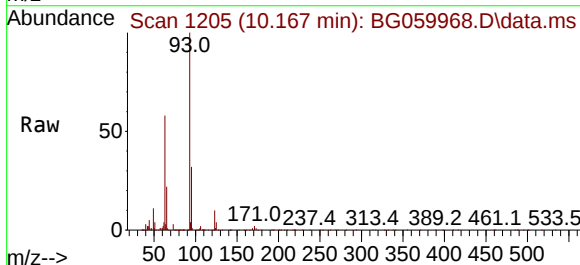
Tgt Ion: 93 Resp: 336591

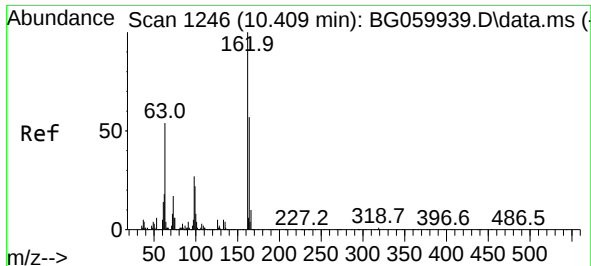
Ion Ratio Lower Upper

93 100

95 31.6 21.0 31.4#

123 9.9 6.7 10.1

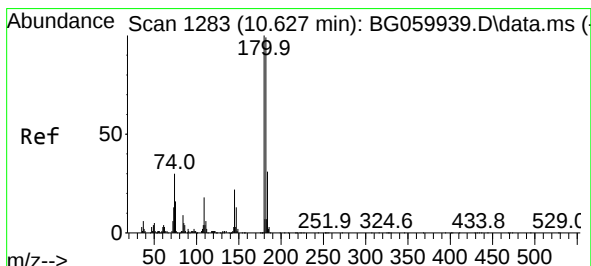
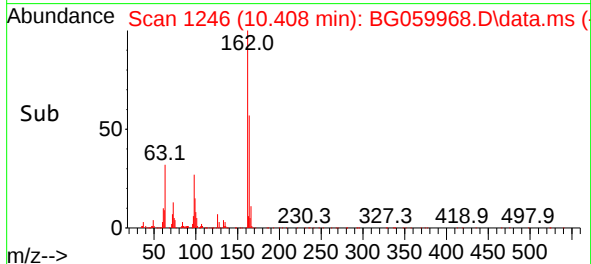
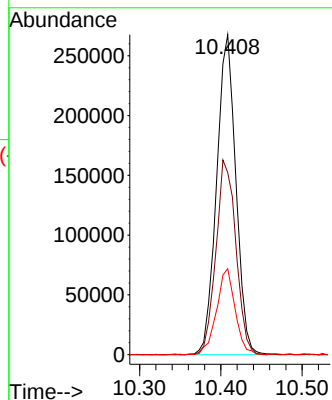
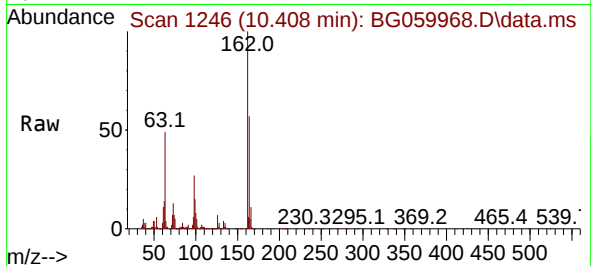




#29
2,4-Dichlorophenol
Concen: 37.781 ng
RT: 10.408 min Scan# 1246
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

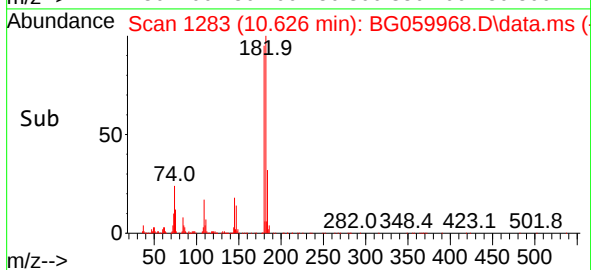
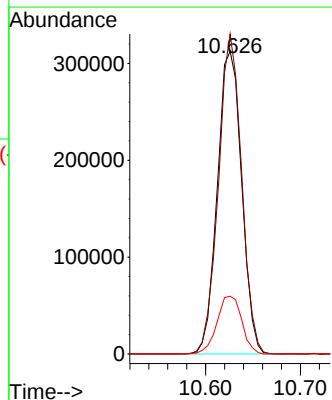
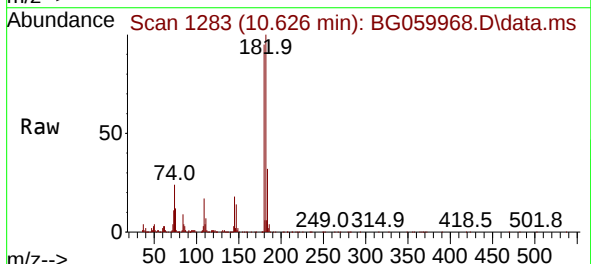
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

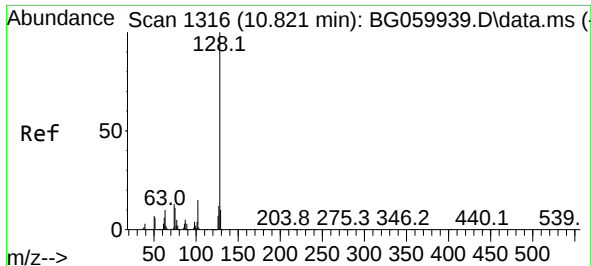
Tgt Ion:162 Resp: 441312
Ion Ratio Lower Upper
162 100
164 56.9 36.7 76.7
98 26.9 7.4 47.4



#30
1,2,4-Trichlorobenzene
Concen: 32.689 ng
RT: 10.626 min Scan# 1283
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:180 Resp: 556795
Ion Ratio Lower Upper
180 100
182 105.7 79.0 118.6
145 19.1 17.4 26.0

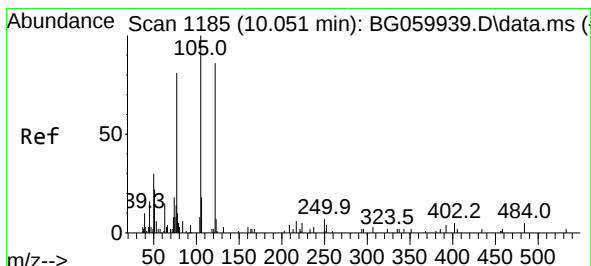
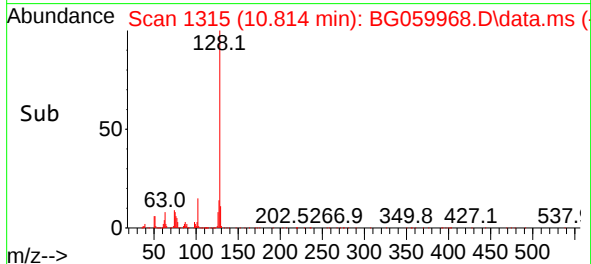
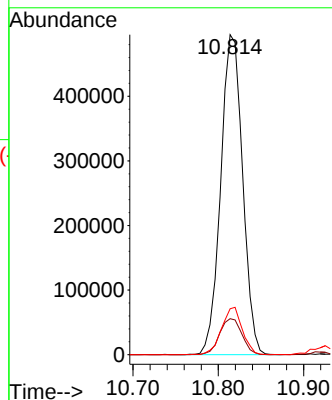
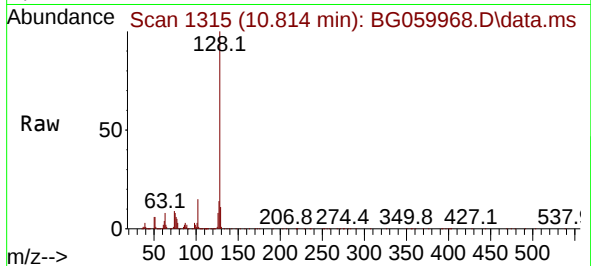




#31
Naphthalene
Concen: 35.904 ng
RT: 10.814 min Scan# 1115
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

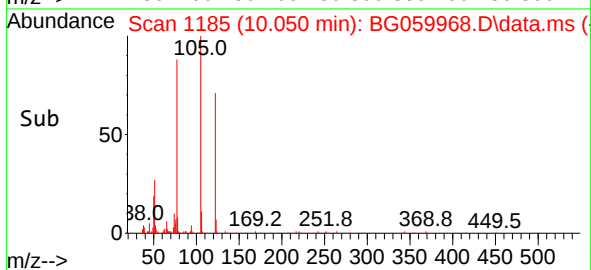
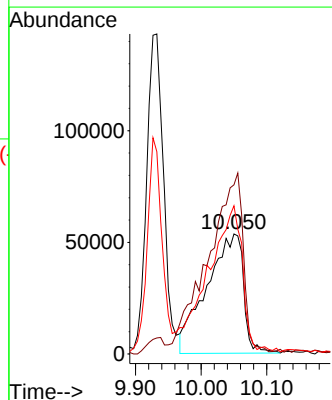
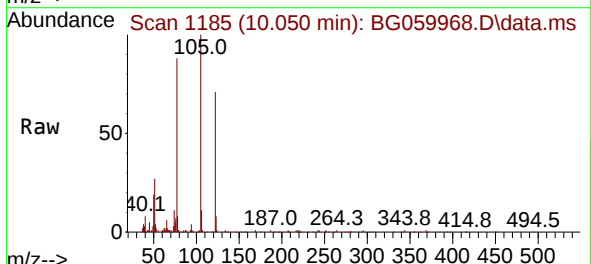
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

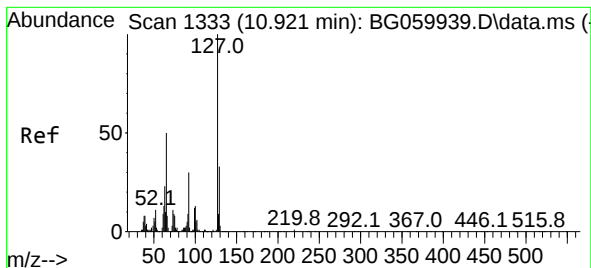
Tgt Ion:128 Resp: 886108
Ion Ratio Lower Upper
128 100
129 11.3 7.6 11.4
127 14.4 9.9 14.9



#32
Benzoic acid
Concen: 37.062 ng
RT: 10.050 min Scan# 1185
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:122 Resp: 207332
Ion Ratio Lower Upper
122 100
105 141.0 123.9 163.9
77 123.5 94.6 134.6





#33

4-Chloroaniline

Concen: 2.572 ng

RT: 10.925 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

Tgt Ion:127 Resp: 24755

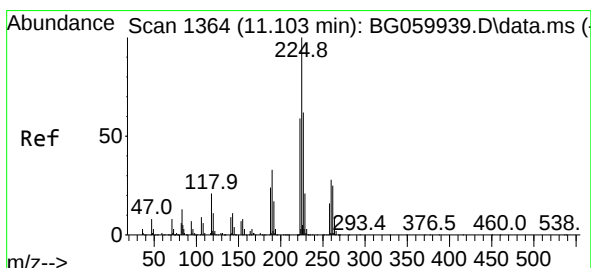
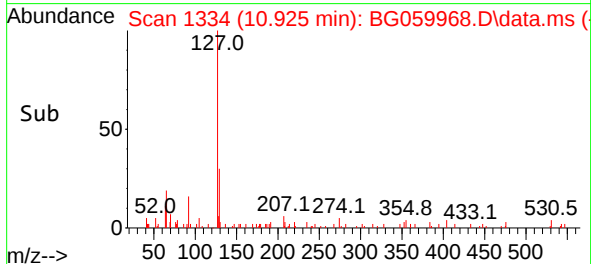
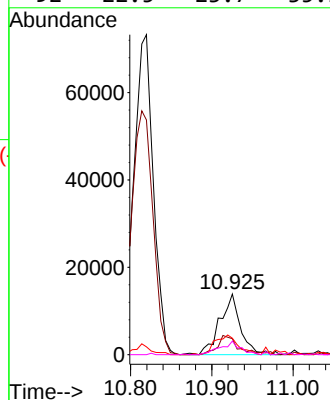
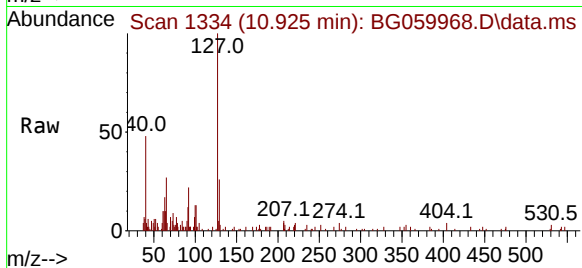
Ion Ratio Lower Upper

127 100

129 26.5 26.6 40.0#

65 27.1 40.4 60.6#

92 22.5 23.7 35.5#



#34

Hexachlorobutadiene

Concen: 28.432 ng

RT: 11.102 min Scan# 1364

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

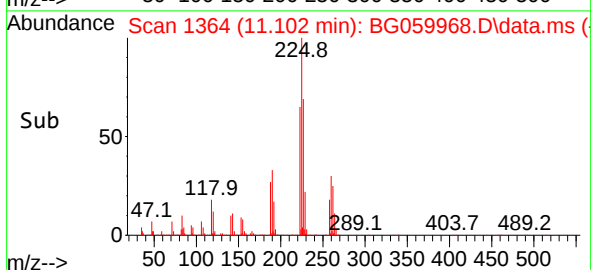
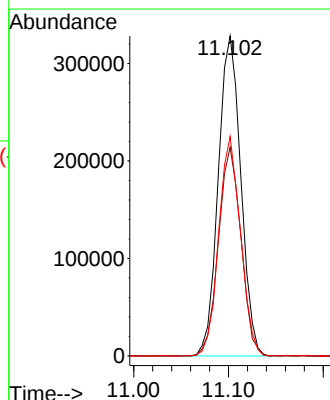
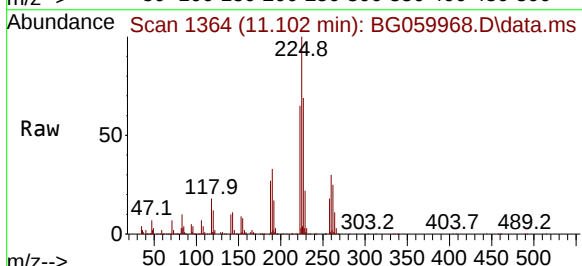
Tgt Ion:225 Resp: 542982

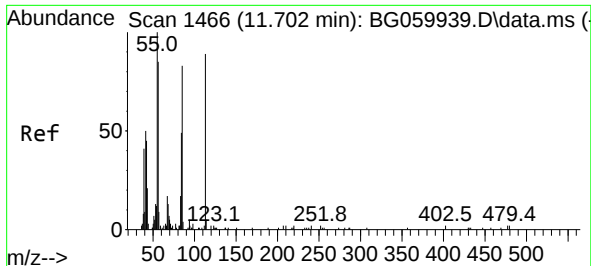
Ion Ratio Lower Upper

225 100

223 65.2 47.0 70.6

227 68.5 50.2 75.4

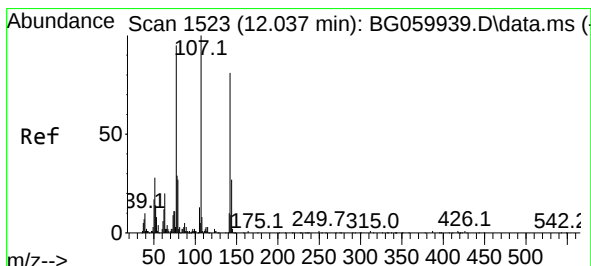
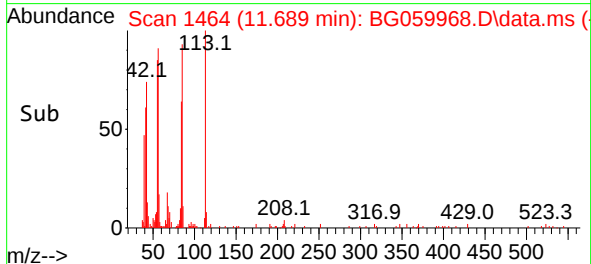
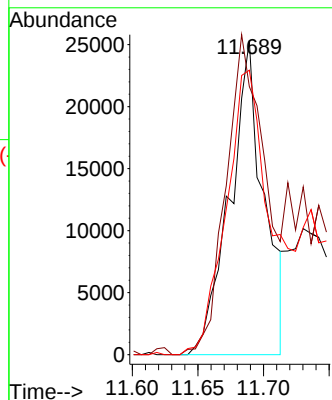
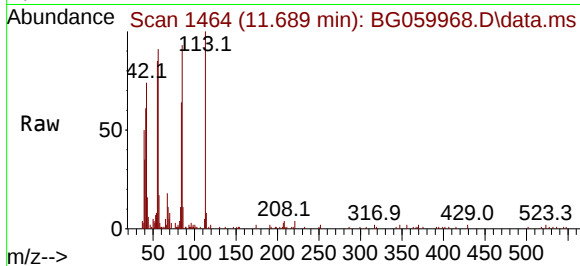




#35
Caprolactam
Concen: 18.564 ng
RT: 11.689 min Scan# 1466
Delta R.T. -0.013 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

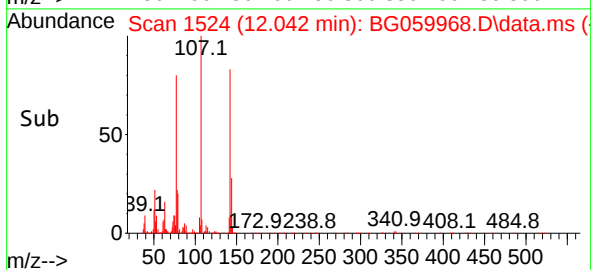
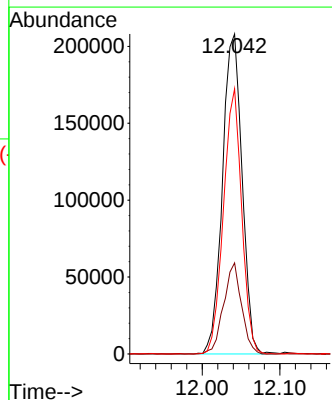
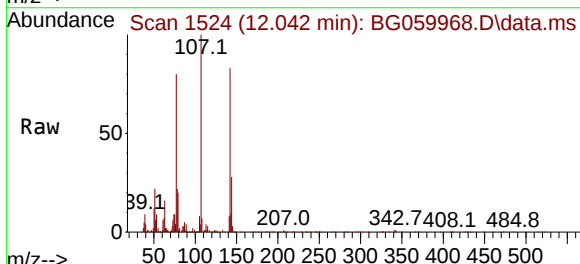
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

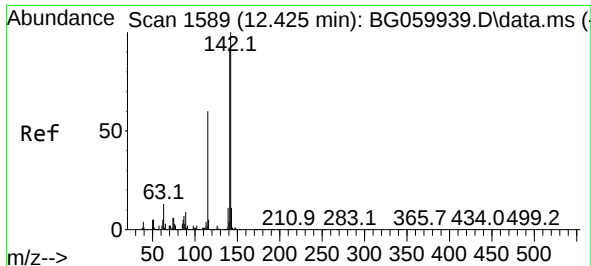
Tgt Ion:113 Resp: 45605
Ion Ratio Lower Upper
113 100
55 85.4 93.5 133.5#
56 90.6 74.9 114.9



#36
4-Chloro-3-methylphenol
Concen: 38.074 ng
RT: 12.042 min Scan# 1524
Delta R.T. 0.005 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:107 Resp: 366233
Ion Ratio Lower Upper
107 100
144 28.4 21.6 32.4
142 82.8 64.6 97.0

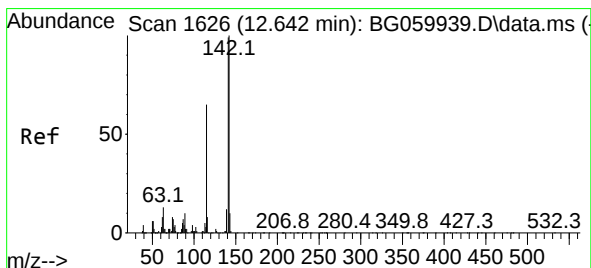
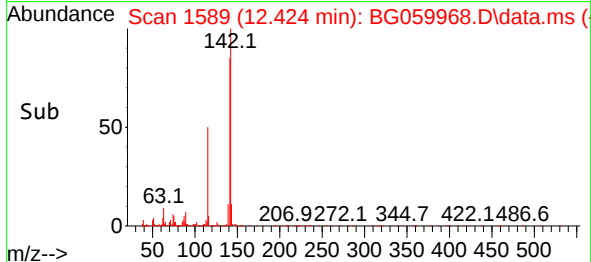
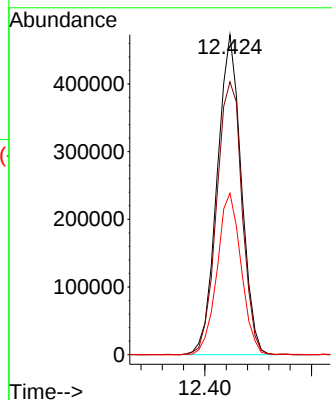
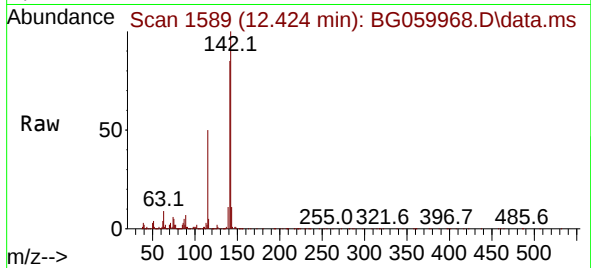




#37
2-Methylnaphthalene
Concen: 35.437 ng
RT: 12.424 min Scan# 1589
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

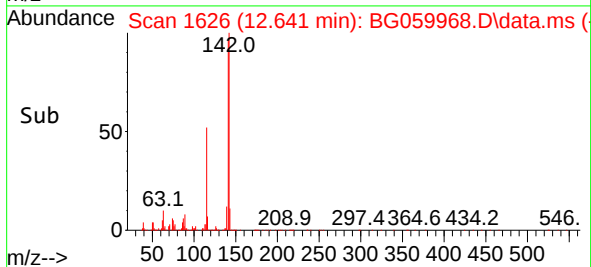
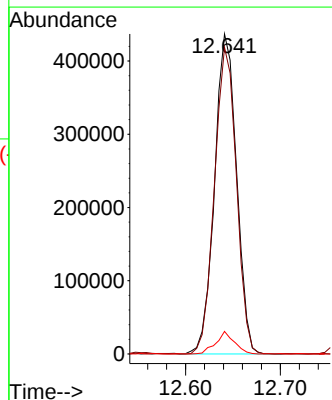
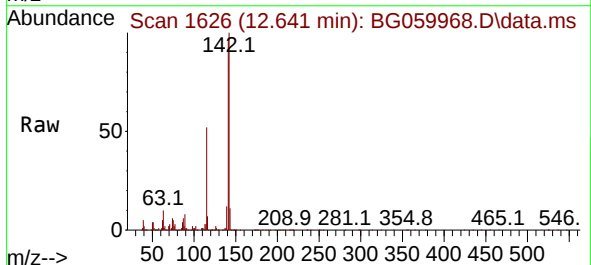
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

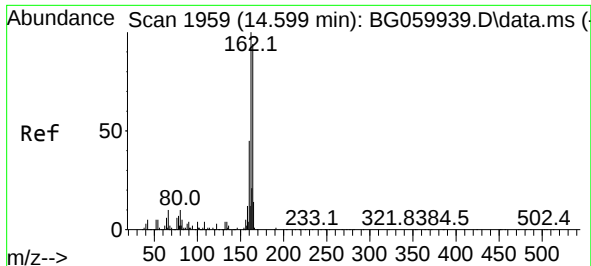
Tgt Ion:142 Resp: 742333
Ion Ratio Lower Upper
142 100
141 85.2 73.4 110.2
115 50.5 48.1 72.1



#38
1-Methylnaphthalene
Concen: 34.449 ng
RT: 12.641 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:142 Resp: 704735
Ion Ratio Lower Upper
142 100
141 95.8 79.4 119.2
116 7.1 6.2 9.4

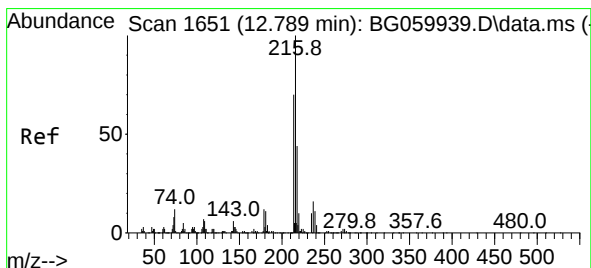
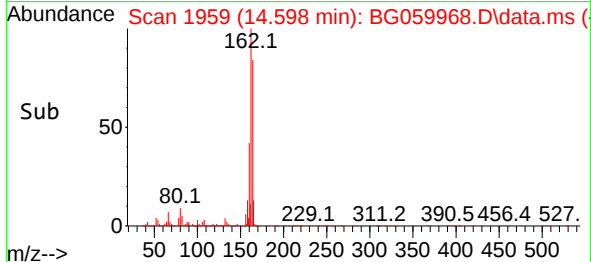
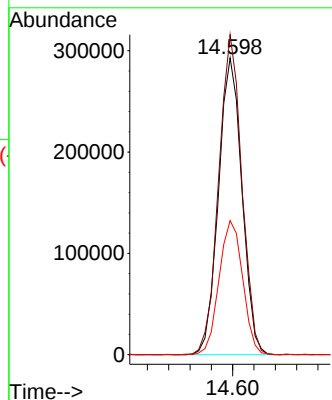
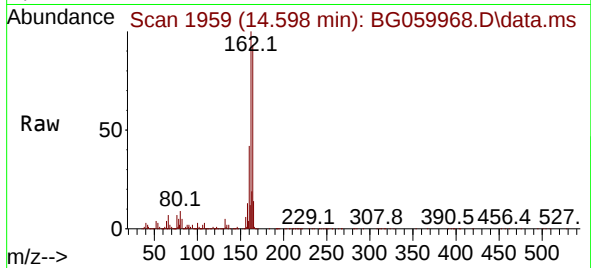




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

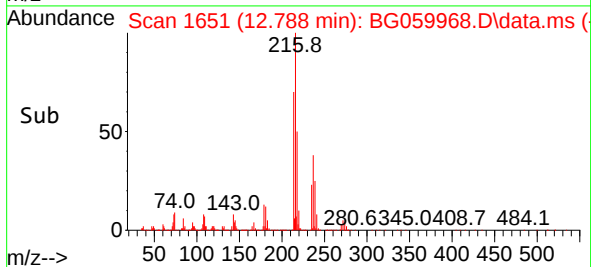
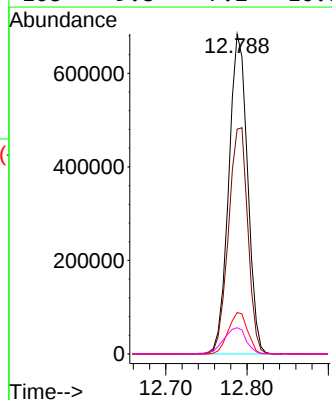
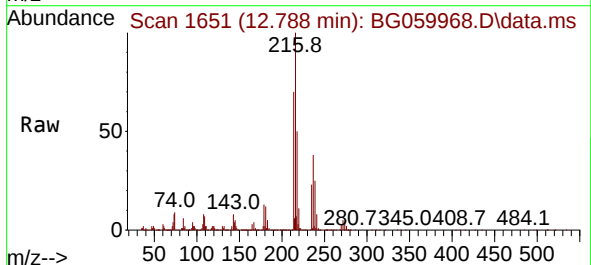
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

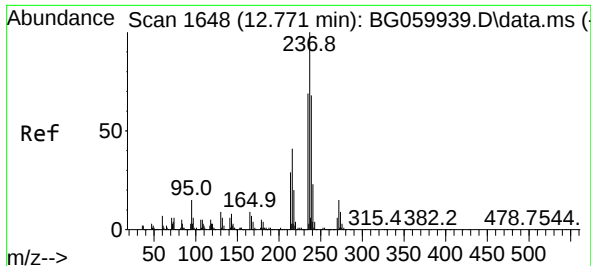
Tgt Ion:164 Resp: 446105
Ion Ratio Lower Upper
164 100
162 107.8 85.0 127.6
160 45.2 38.1 57.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.452 ng
RT: 12.788 min Scan# 1651
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:216 Resp: 1097171
Ion Ratio Lower Upper
216 100
214 72.7 58.3 87.5
179 13.4 10.2 15.4
108 9.8 7.2 10.8

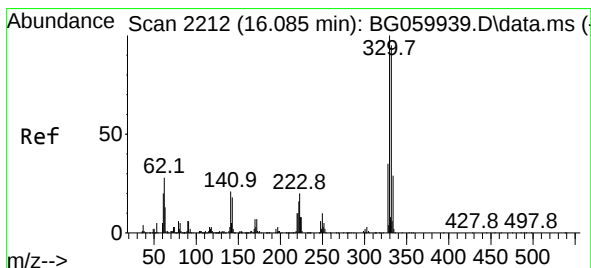
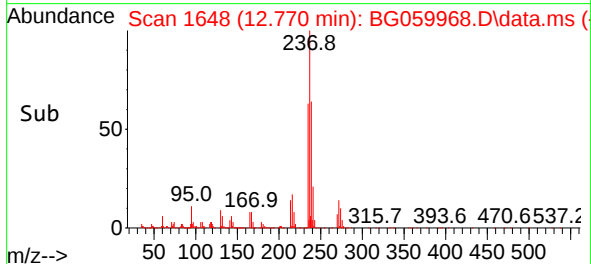
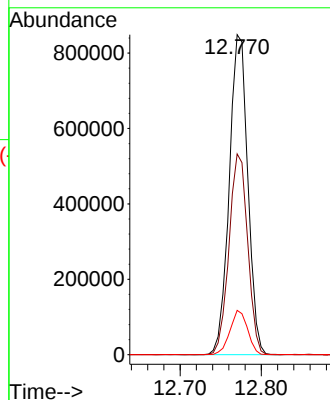
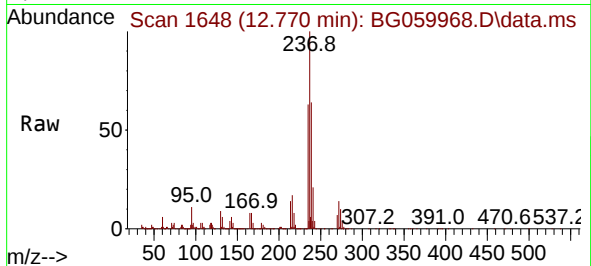




#41
Hexachlorocyclopentadiene
Concen: 83.339 ng
RT: 12.770 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

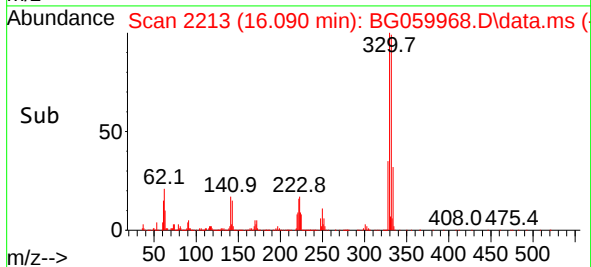
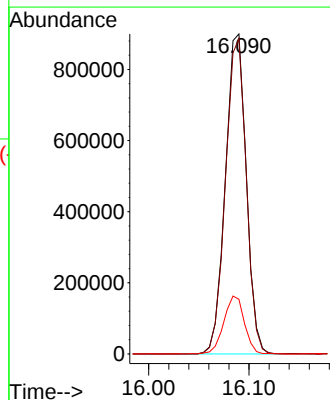
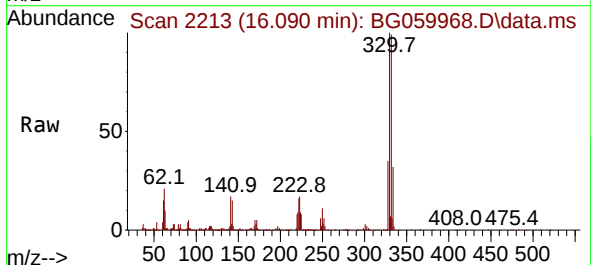
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

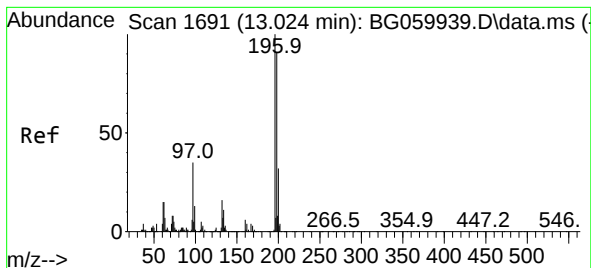
Tgt Ion:237 Resp: 1344829
Ion Ratio Lower Upper
237 100
235 62.7 49.4 89.4
272 13.8 0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 90.515 ng
RT: 16.090 min Scan# 2213
Delta R.T. 0.005 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:330 Resp: 1299158
Ion Ratio Lower Upper
330 100
332 97.6 76.5 114.7
141 17.9 15.0 22.6





#43

2,4,6-Trichlorophenol

Concen: 36.619 ng

RT: 13.023 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

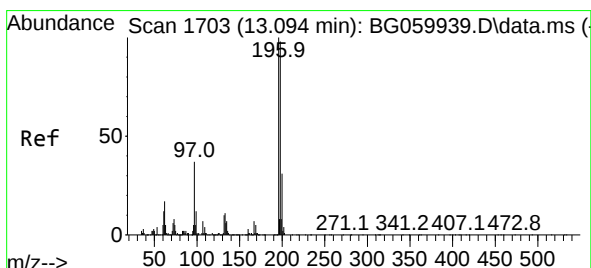
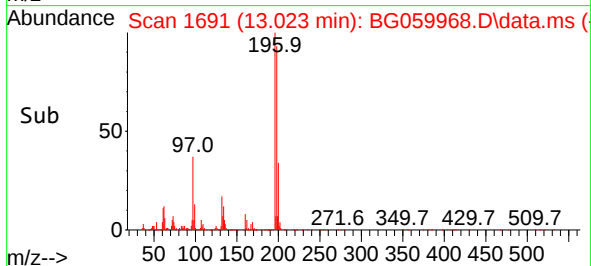
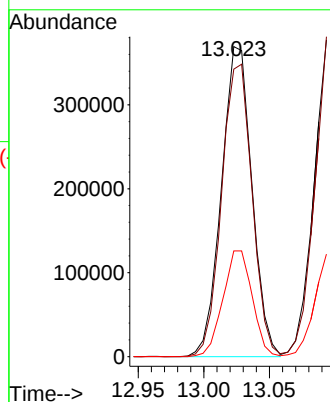
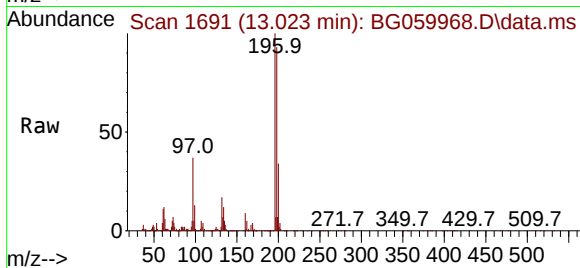
Tgt Ion:196 Resp: 597157

Ion Ratio Lower Upper

196 100

198 92.7 72.6 109.0

200 34.1 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 36.153 ng

RT: 13.099 min Scan# 1704

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Tgt Ion:196 Resp: 648312

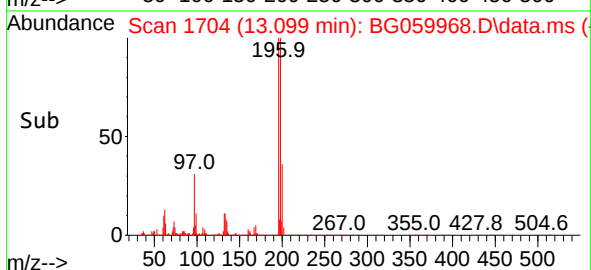
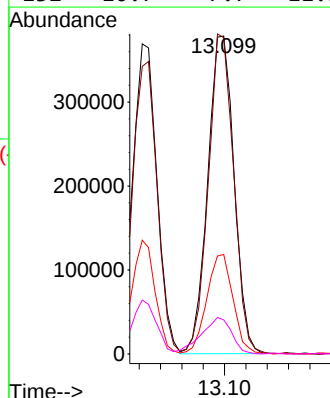
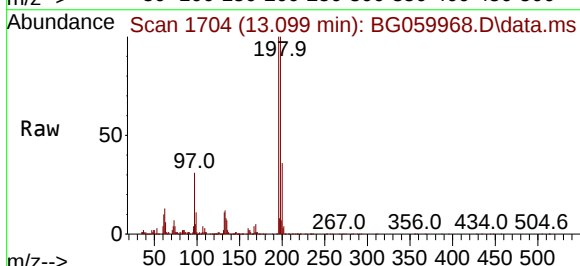
Ion Ratio Lower Upper

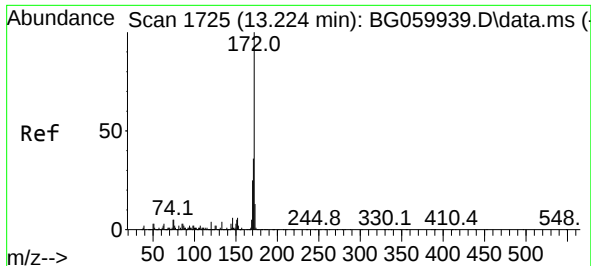
196 100

198 99.5 78.3 117.5

97 31.3 30.2 45.4

132 10.7 7.7 11.5

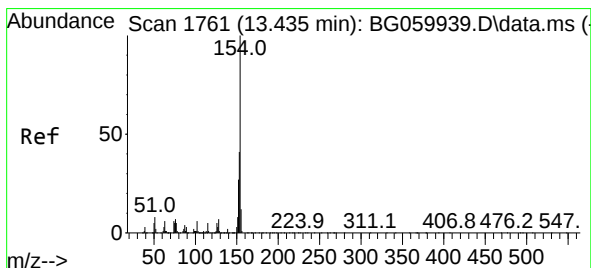
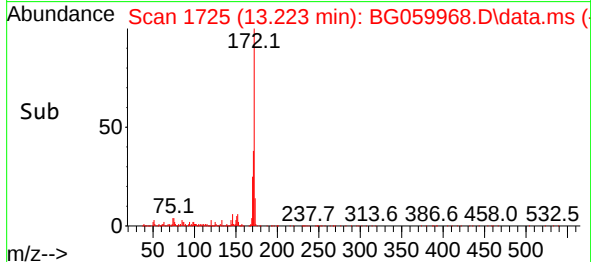
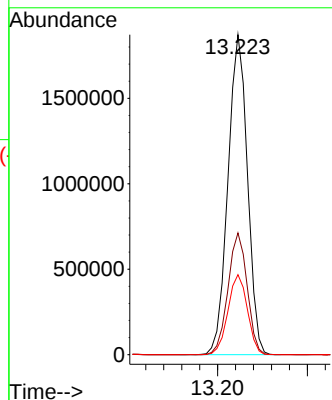
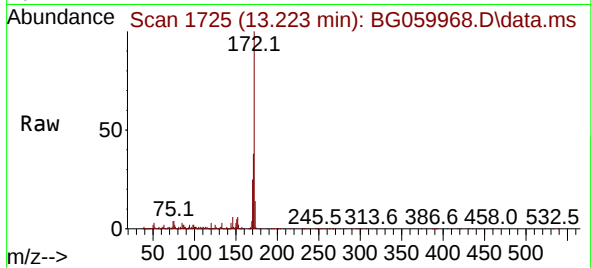




#45
2-Fluorobiphenyl
Concen: 68.945 ng
RT: 13.223 min Scan# 1725
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

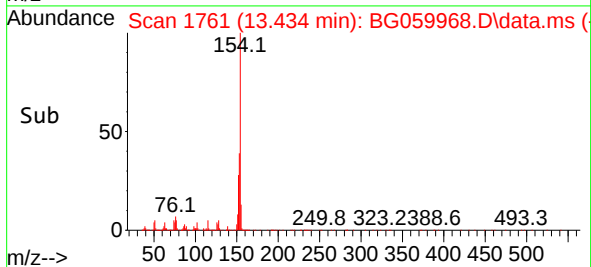
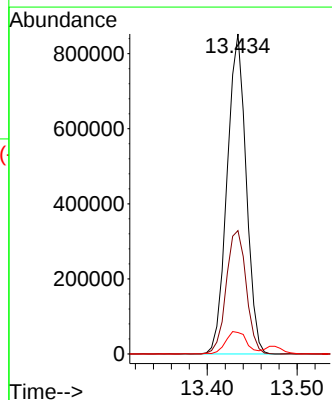
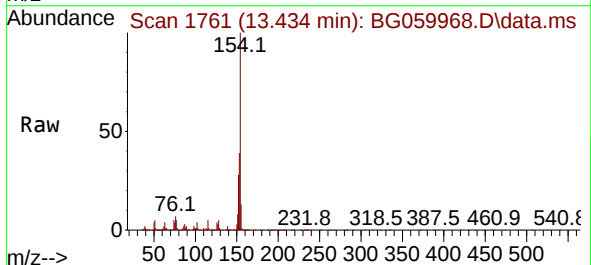
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

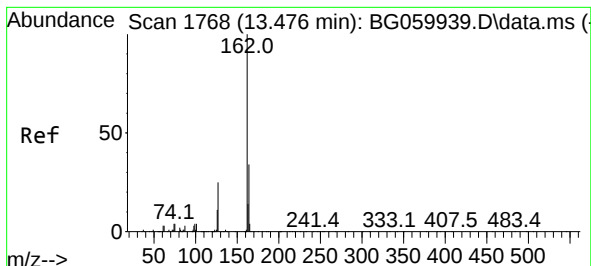
Tgt Ion:172 Resp: 2819943
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.0 19.8 29.8



#46
1,1'-Biphenyl
Concen: 38.487 ng
RT: 13.434 min Scan# 1761
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:154 Resp: 1254748
Ion Ratio Lower Upper
154 100
153 38.6 20.8 60.8
76 6.7 0.0 27.4





#47

2-Chloronaphthalene

Concen: 35.472 ng

RT: 13.475 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

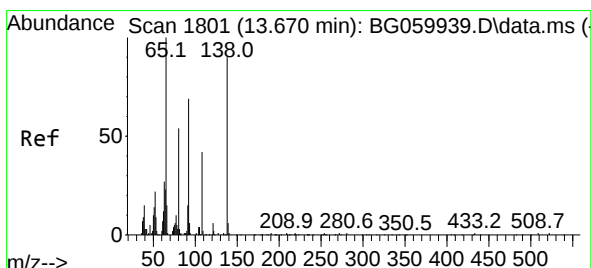
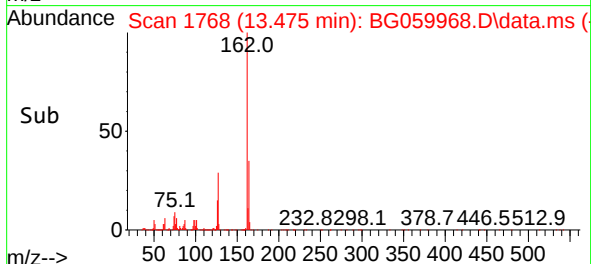
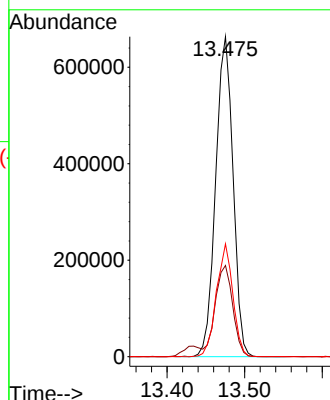
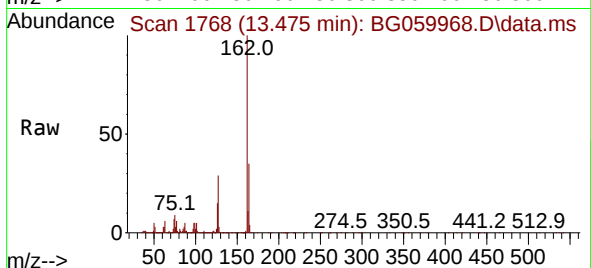
Tgt Ion:162 Resp: 1034664

Ion Ratio Lower Upper

162 100

127 28.5 22.6 33.8

164 35.3 27.4 41.0



#48

2-Nitroaniline

Concen: 36.576 ng

RT: 13.675 min Scan# 1802

Delta R.T. 0.005 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

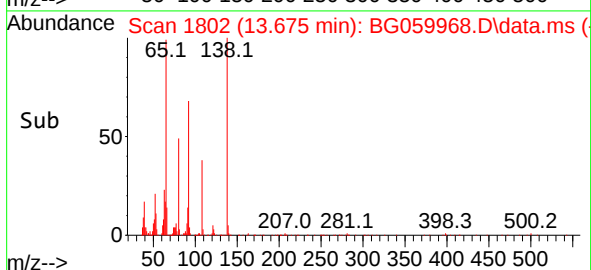
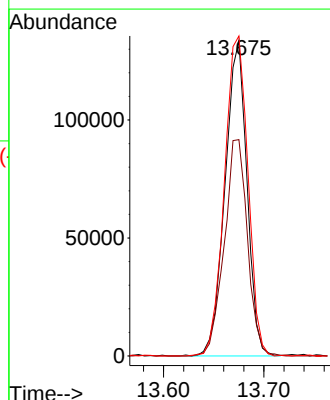
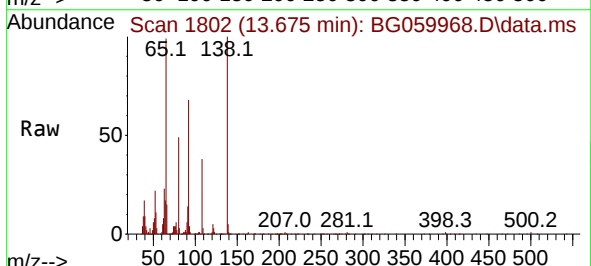
Tgt Ion: 65 Resp: 202228

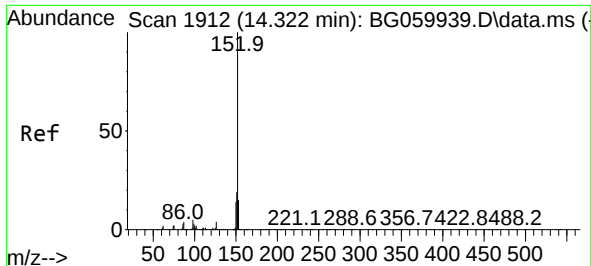
Ion Ratio Lower Upper

65 100

92 68.6 55.4 83.2

138 101.5 71.8 107.6

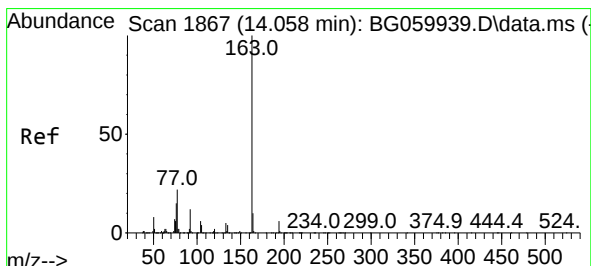
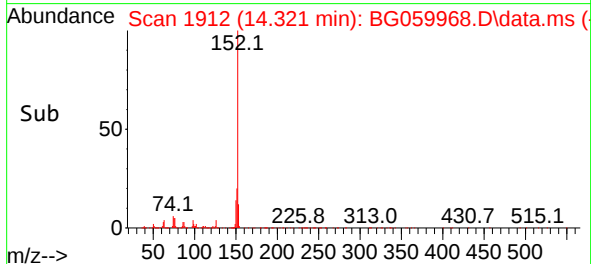
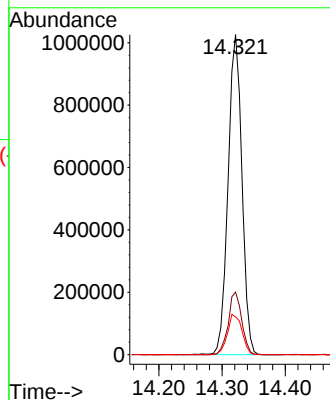
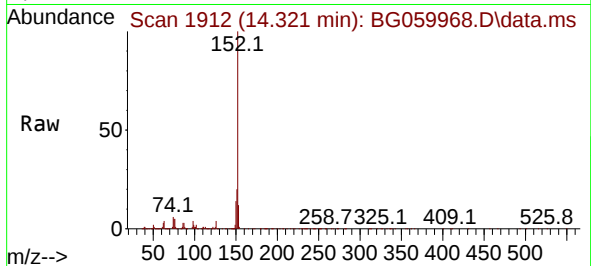




#49
Acenaphthylene
Concen: 39.982 ng
RT: 14.321 min Scan# 1912
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

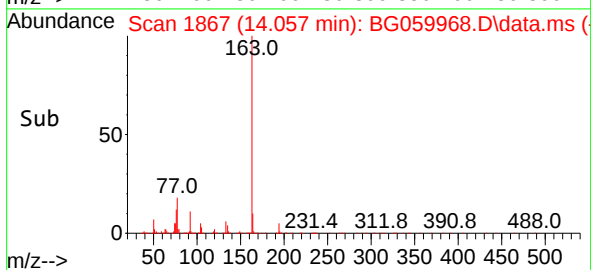
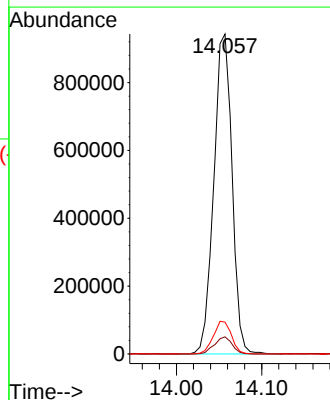
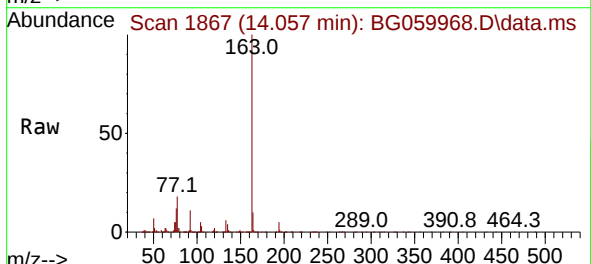
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

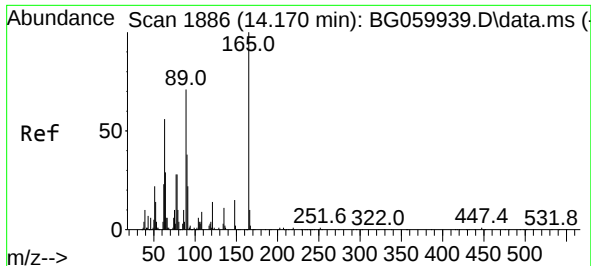
Tgt Ion:152 Resp: 1560836
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 11.8 11.7 17.5



#50
Dimethylphthalate
Concen: 36.893 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:163 Resp: 1401022
Ion Ratio Lower Upper
163 100
194 5.3 4.6 7.0
164 10.0 8.1 12.1

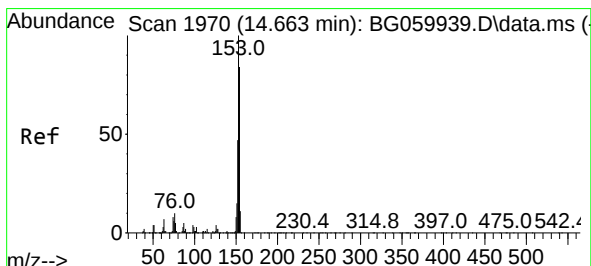
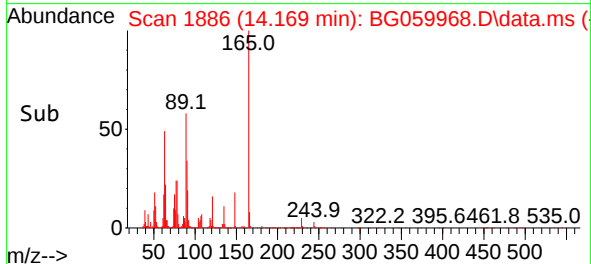
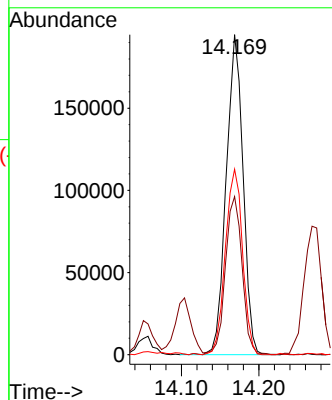
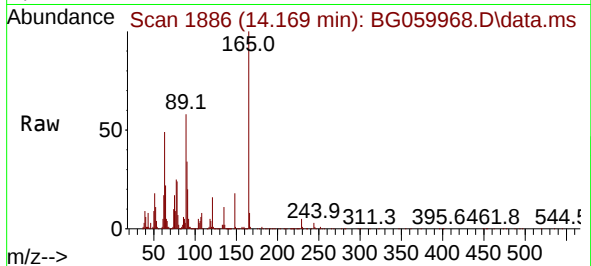




#51
2,6-Dinitrotoluene
Concen: 35.415 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

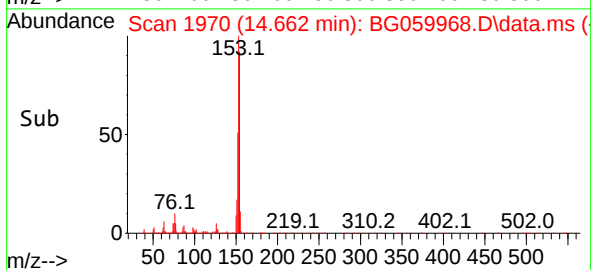
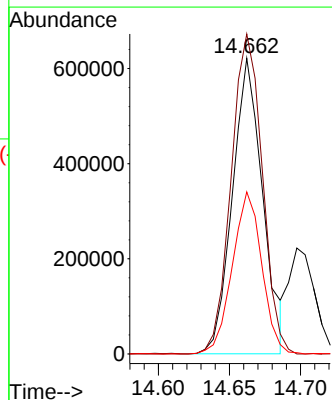
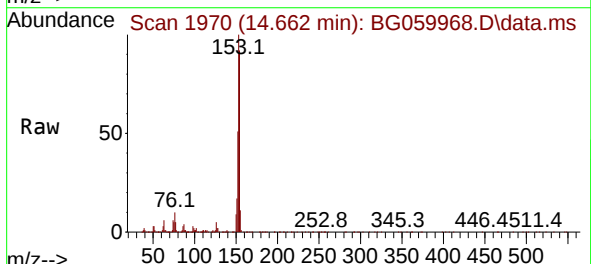
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

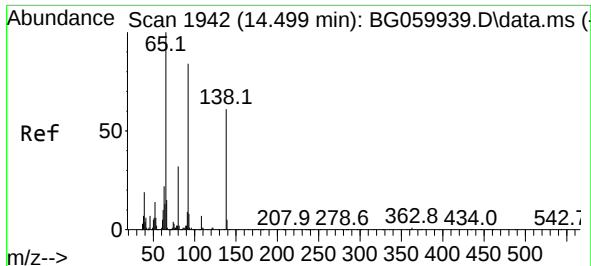
Tgt Ion:165 Resp: 294656
Ion Ratio Lower Upper
165 100
63 49.4 47.2 70.8
89 57.9 57.1 85.7



#52
Acenaphthene
Concen: 32.669 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:154 Resp: 920480
Ion Ratio Lower Upper
154 100
153 108.2 95.8 143.6
152 54.8 45.0 67.4

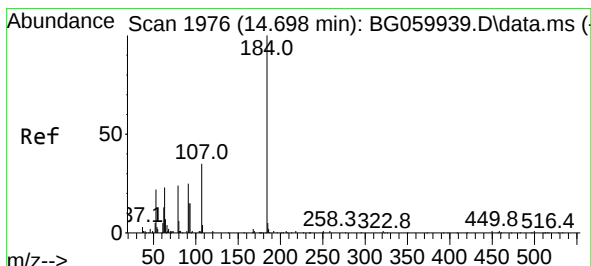
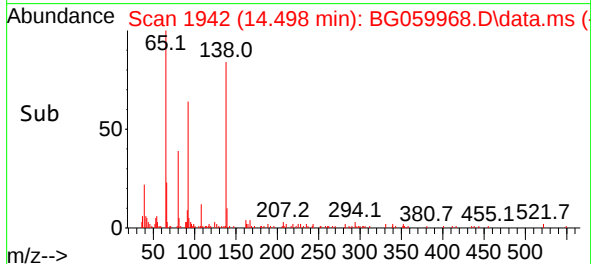
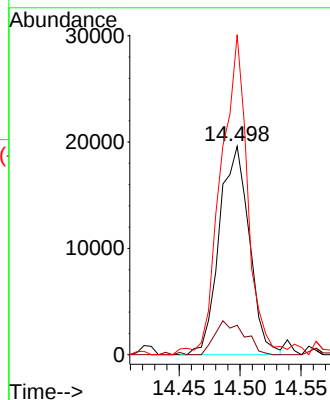
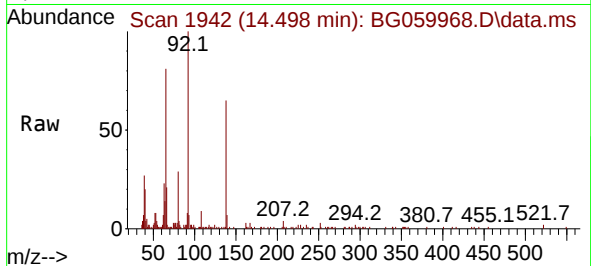




#53
3-Nitroaniline
Concen: 6.501 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

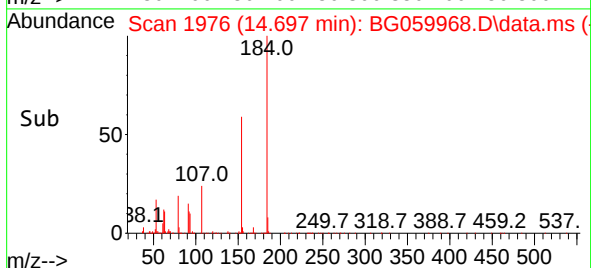
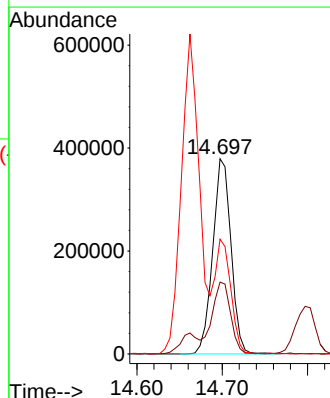
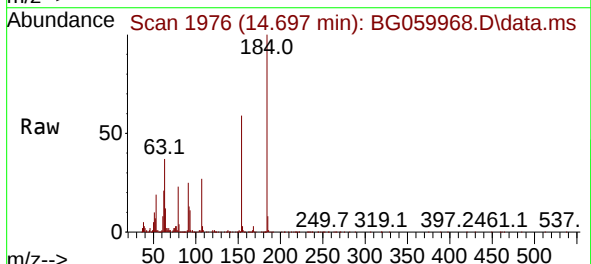
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

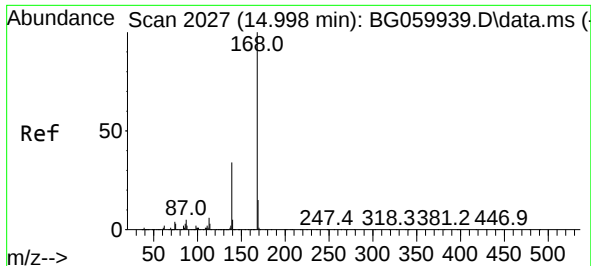
Tgt Ion:138 Resp: 33557
Ion Ratio Lower Upper
138 100
108 14.1 9.6 14.4
92 153.6 109.8 164.6



#54
2,4-Dinitrophenol
Concen: 77.903 ng
RT: 14.697 min Scan# 1976
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:184 Resp: 565340
Ion Ratio Lower Upper
184 100
63 36.8 38.2 57.4#
154 58.8 52.6 78.8

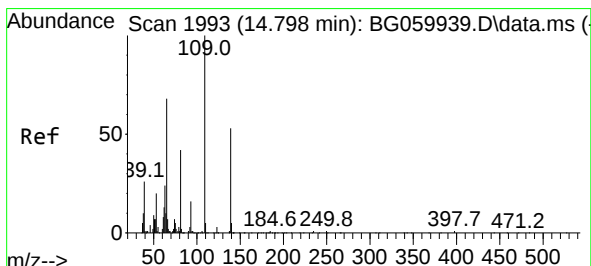
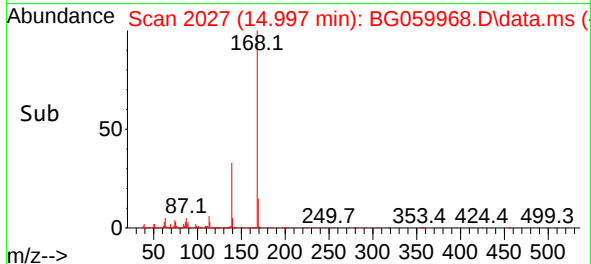
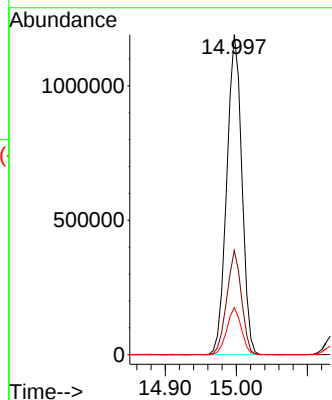
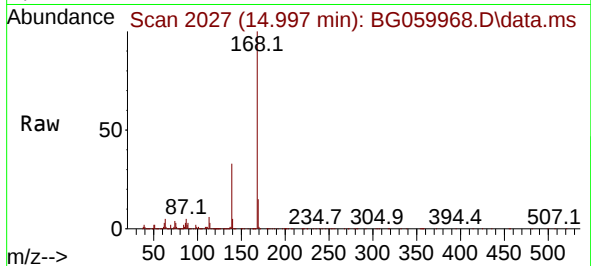




#55
Dibenzenofuran
Concen: 36.826 ng
RT: 14.997 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

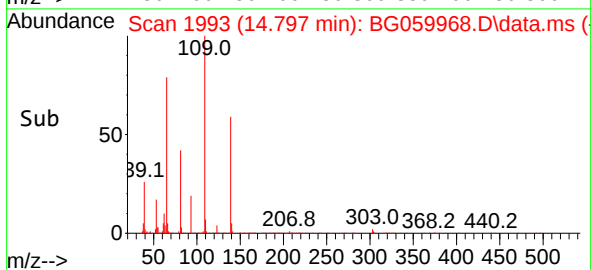
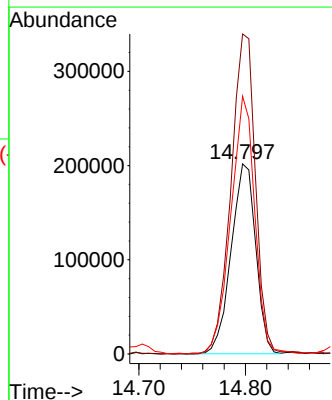
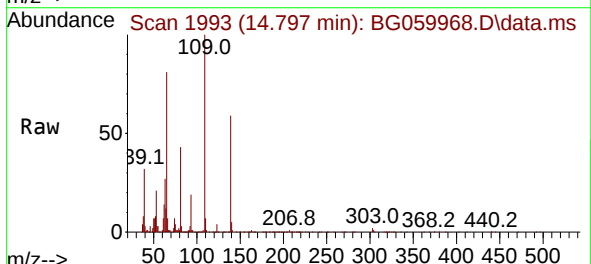
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

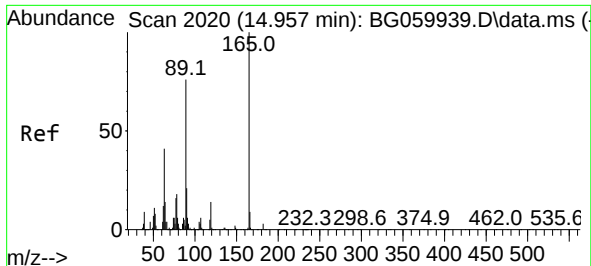
Tgt Ion:168 Resp: 1750161
Ion Ratio Lower Upper
168 100
139 32.6 27.0 40.6
169 14.7 11.6 17.4



#56
4-Nitrophenol
Concen: 72.105 ng
RT: 14.797 min Scan# 1993
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:139 Resp: 323002
Ion Ratio Lower Upper
139 100
109 168.3 167.9 207.9
65 135.6 108.1 148.1





#57

2,4-Dinitrotoluene

Concen: 36.149 ng

RT: 14.956 min Scan# 20

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

Tgt Ion:165 Resp: 418307

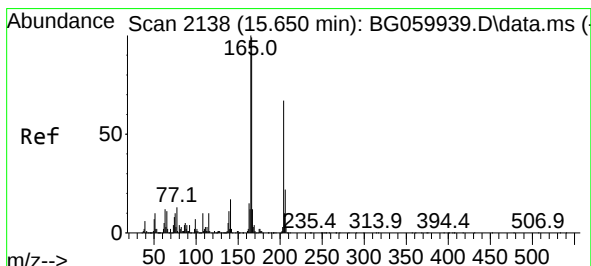
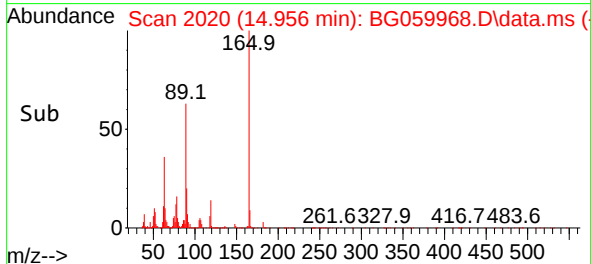
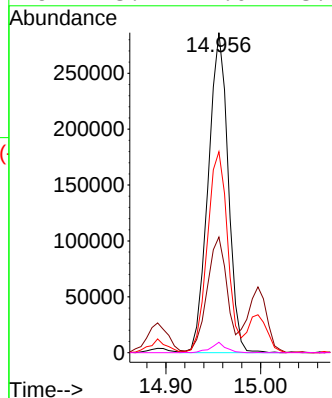
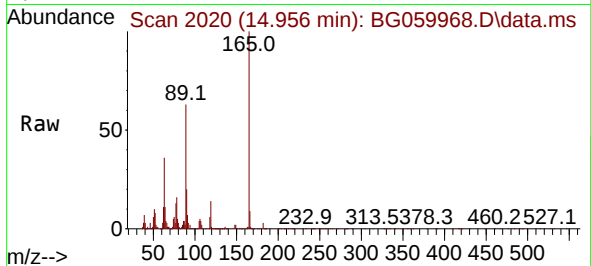
Ion Ratio Lower Upper

165 100

63 36.2 32.8 49.2

89 62.8 60.6 90.8

182 3.2 2.6 3.8



#58

Fluorene

Concen: 36.887 ng

RT: 15.643 min Scan# 2137

Delta R.T. -0.007 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

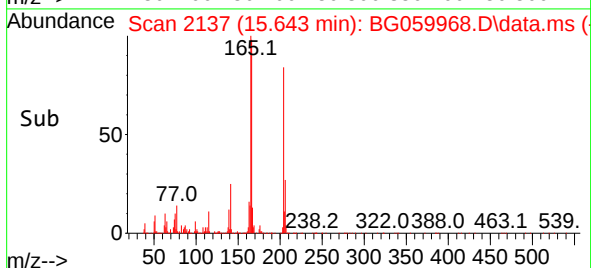
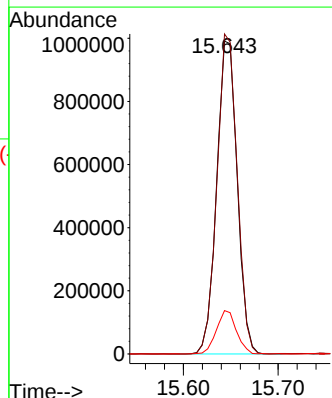
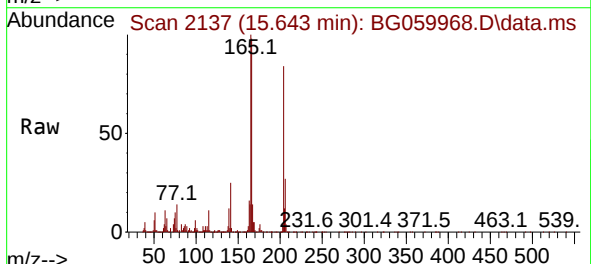
Tgt Ion:166 Resp: 1491794

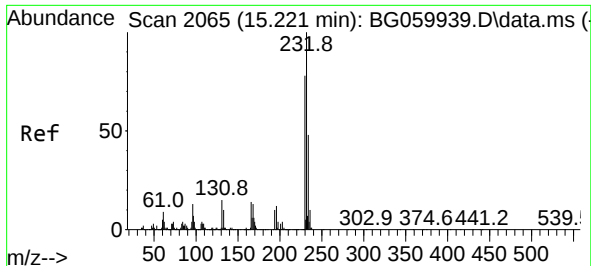
Ion Ratio Lower Upper

166 100

165 102.3 80.6 121.0

167 13.9 9.9 14.9

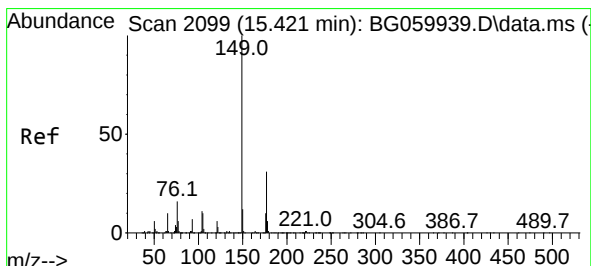
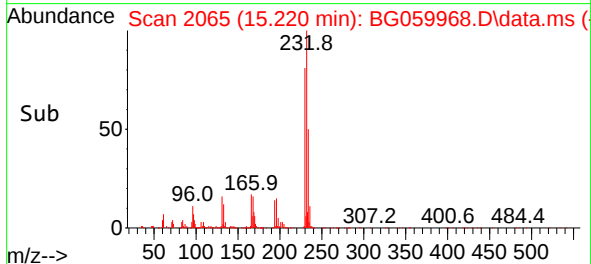
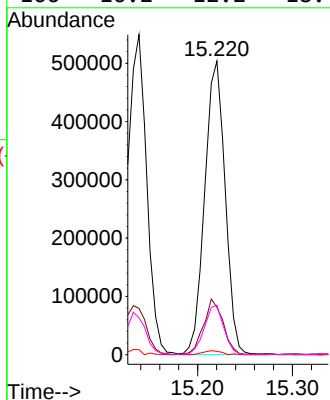
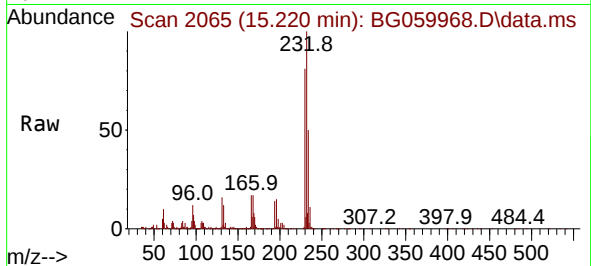




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.268 ng
RT: 15.220 min Scan# 2065
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

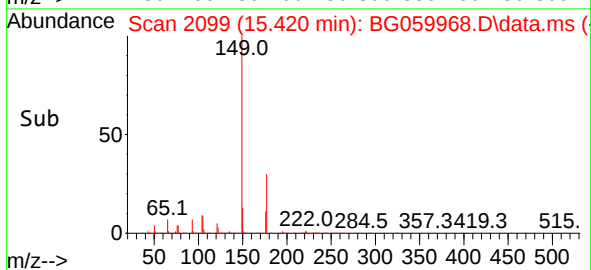
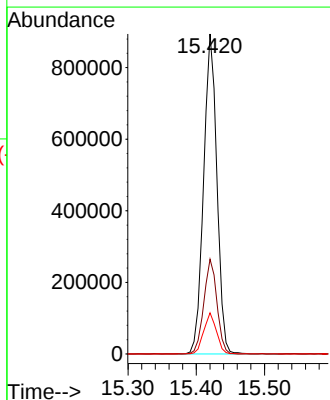
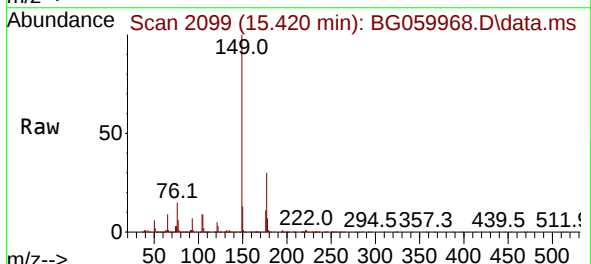
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

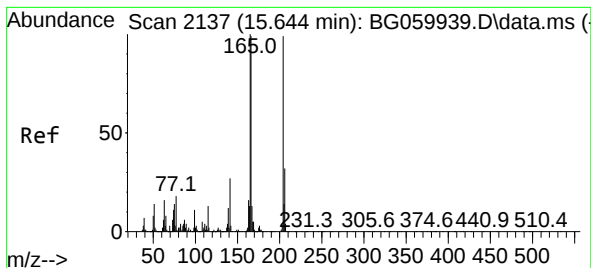
Tgt Ion:232 Resp: 752345
Ion Ratio Lower Upper
232 100
131 18.2 14.8 22.2
130 1.3 1.2 1.8
166 16.2 12.2 18.4



#60
Diethylphthalate
Concen: 35.857 ng
RT: 15.420 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:149 Resp: 1212833
Ion Ratio Lower Upper
149 100
177 29.6 24.6 37.0
150 12.9 9.6 14.4

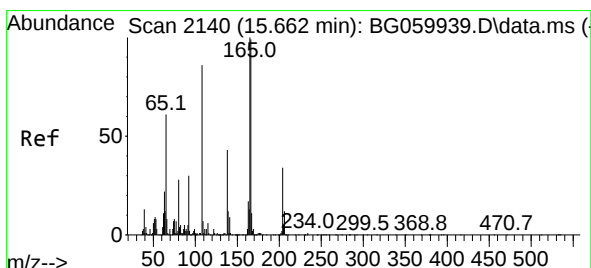
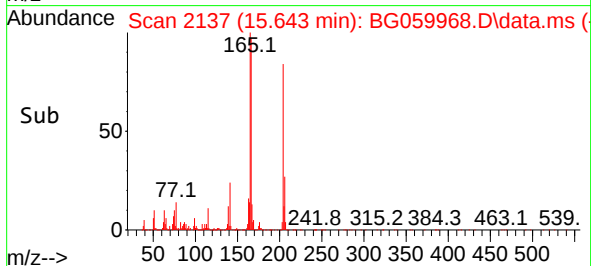
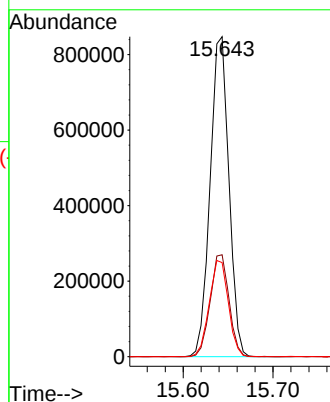
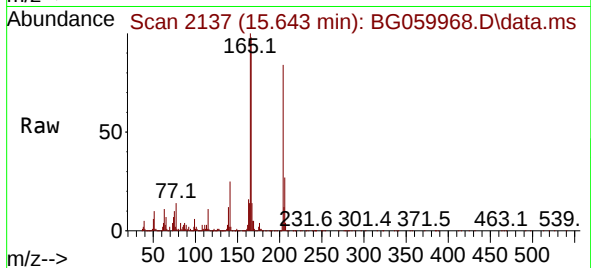




#61
4-Chlorophenyl-phenylether
Concen: 33.512 ng
RT: 15.643 min Scan# 2137
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

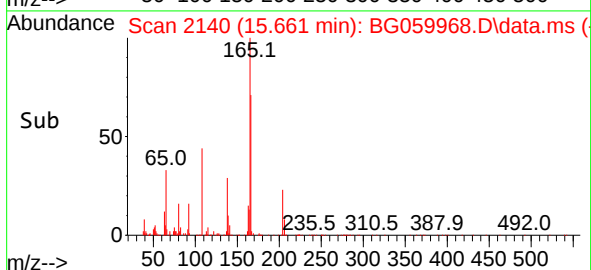
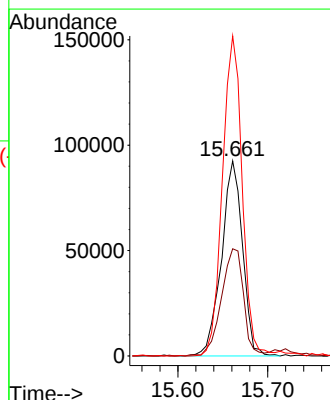
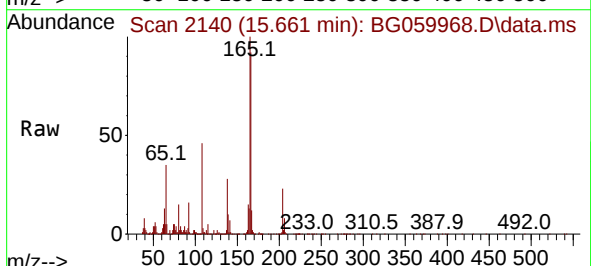
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

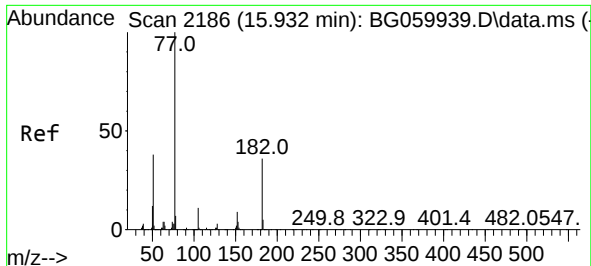
Tgt Ion:204 Resp: 1229462
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 29.4 21.4 32.2



#62
4-Nitroaniline
Concen: 25.378 ng
RT: 15.661 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:138 Resp: 150779
Ion Ratio Lower Upper
138 100
92 54.9 50.8 90.8
108 164.0 181.0 221.0#

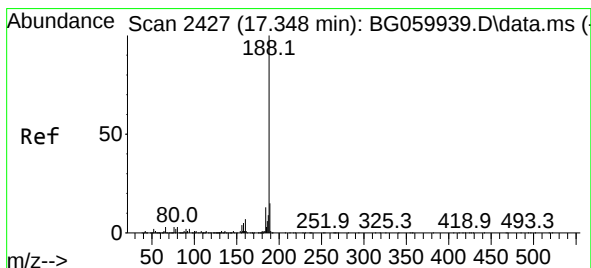
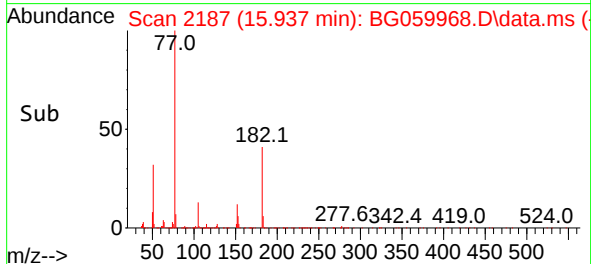
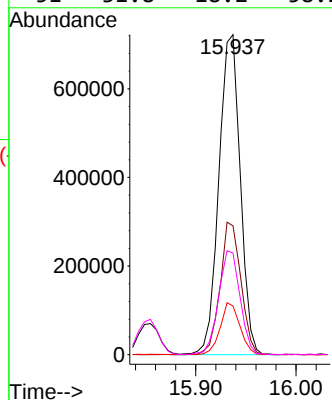
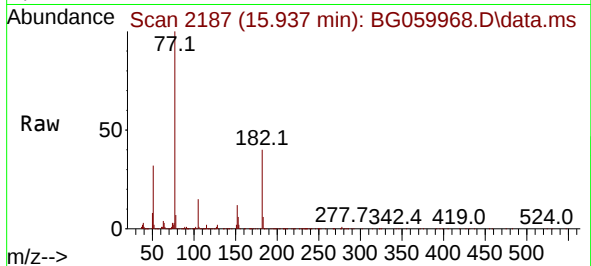




#63
Azobenzene
Concen: 30.426 ng
RT: 15.937 min Scan# 2186
Delta R.T. 0.005 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

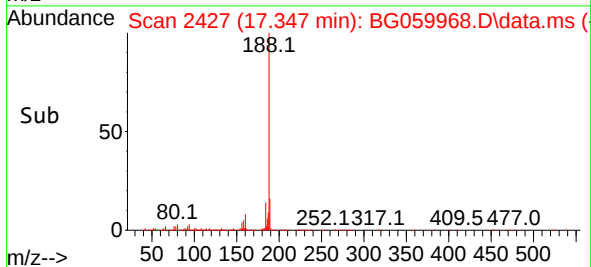
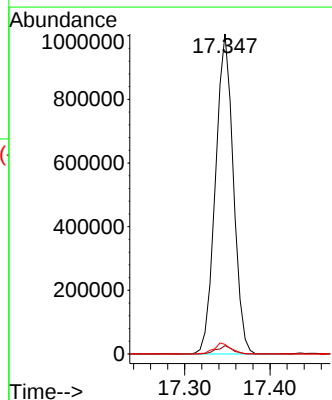
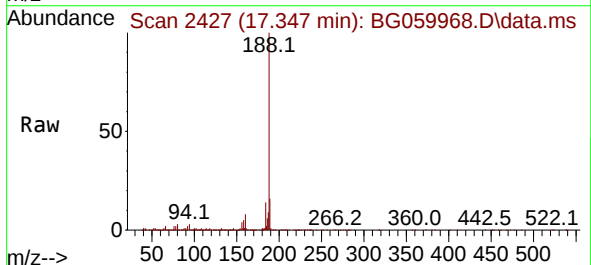
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

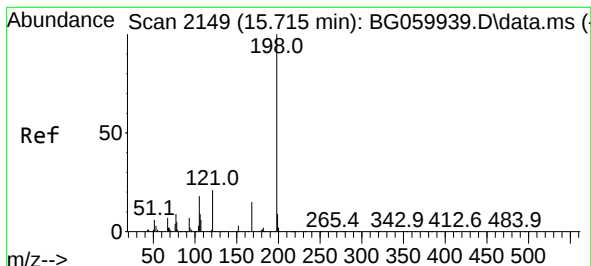
Tgt Ion: 77 Resp: 1067617
Ion Ratio Lower Upper
77 100
182 40.3 15.7 55.7
105 15.2 0.0 31.5
51 31.8 18.2 58.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.347 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:188 Resp: 1459480
Ion Ratio Lower Upper
188 100
94 2.6 1.8 2.6
80 3.0 2.2 3.4

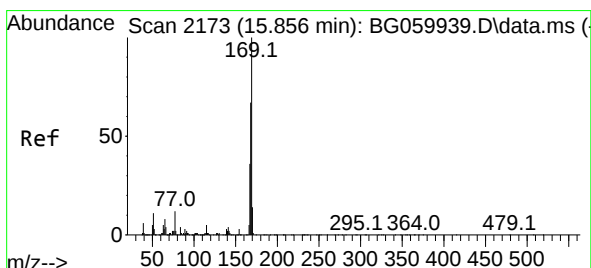
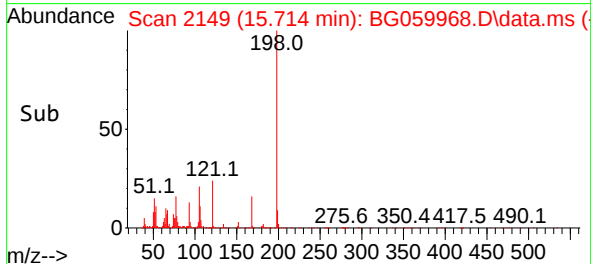
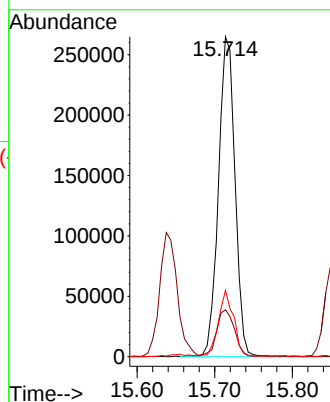
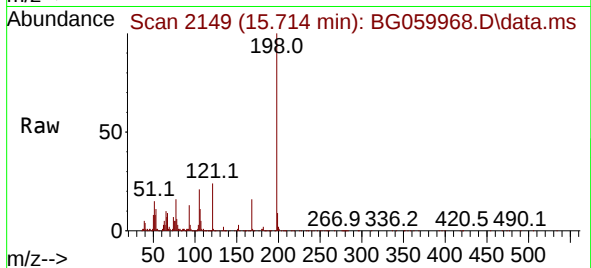




#65
4,6-Dinitro-2-methylphenol
Concen: 35.255 ng
RT: 15.714 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

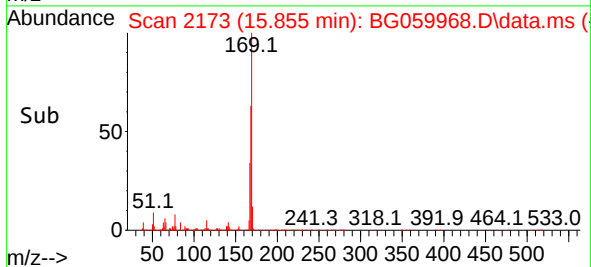
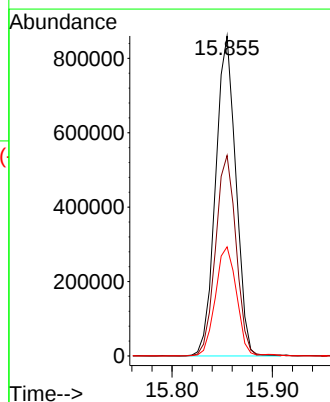
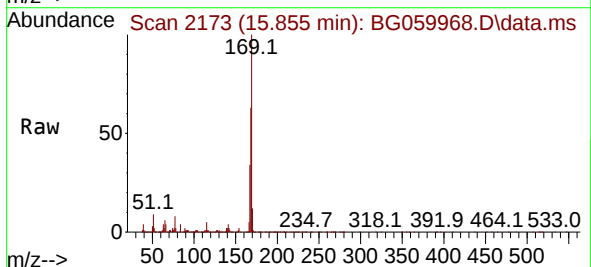
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

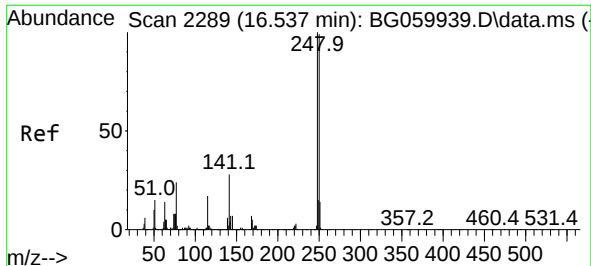
Tgt Ion:198 Resp: 393393
Ion Ratio Lower Upper
198 100
51 14.7 0.0 34.4
105 20.8 0.0 39.0



#66
n-Nitrosodiphenylamine
Concen: 36.062 ng
RT: 15.855 min Scan# 2173
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:169 Resp: 1205621
Ion Ratio Lower Upper
169 100
168 62.6 53.5 80.3
167 34.1 29.2 43.8

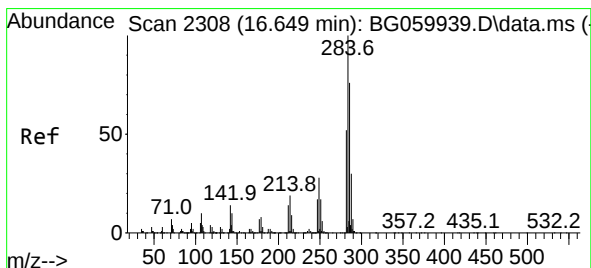
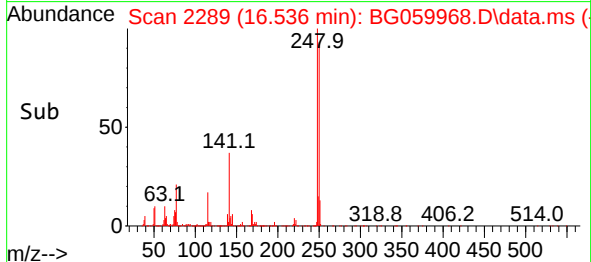
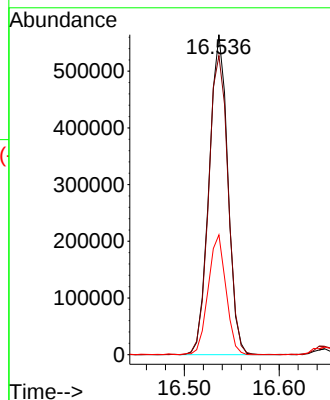
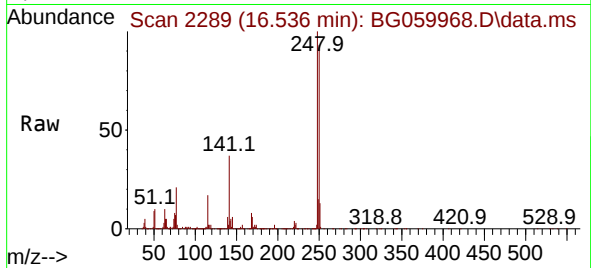




#67
4-Bromophenyl-phenylether
Concen: 31.000 ng
RT: 16.536 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

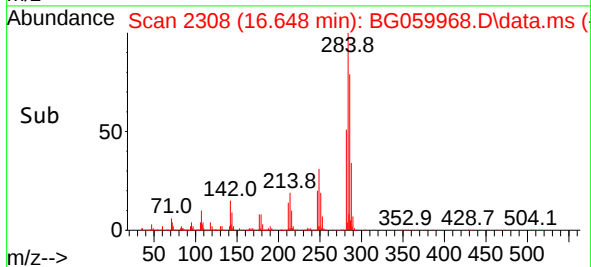
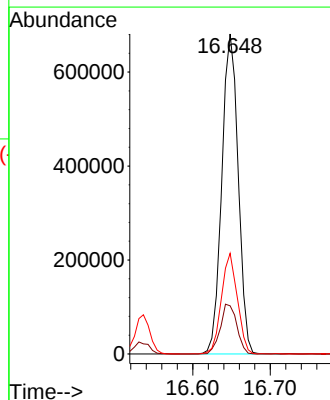
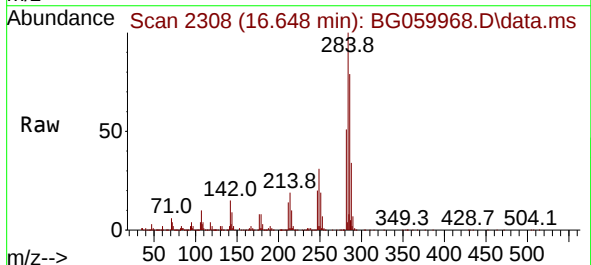
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

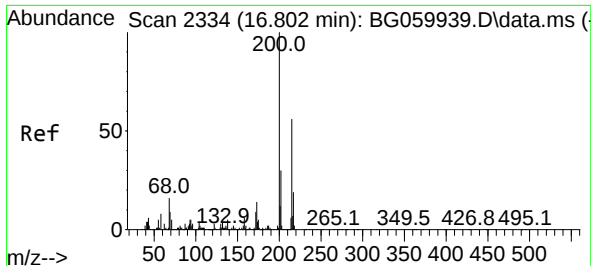
Tgt Ion:248 Resp: 775153
Ion Ratio Lower Upper
248 100
250 93.5 79.0 118.4
141 37.5 22.3 33.5#



#68
Hexachlorobenzene
Concen: 36.081 ng
RT: 16.648 min Scan# 2308
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:284 Resp: 1002439
Ion Ratio Lower Upper
284 100
142 15.1 11.4 17.0
249 31.5 24.2 36.2

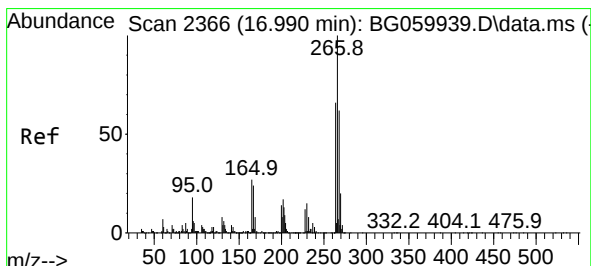
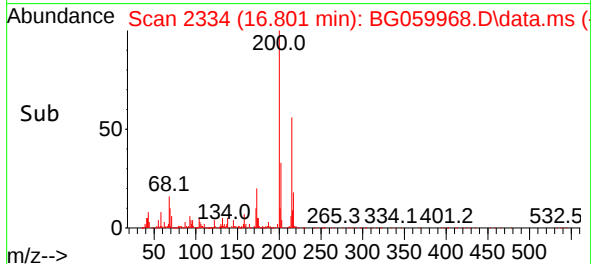
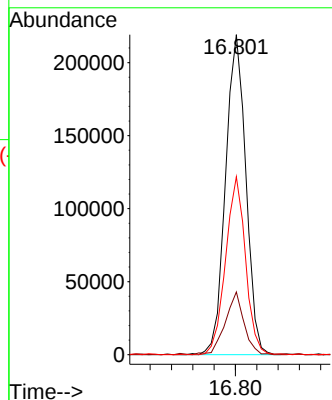
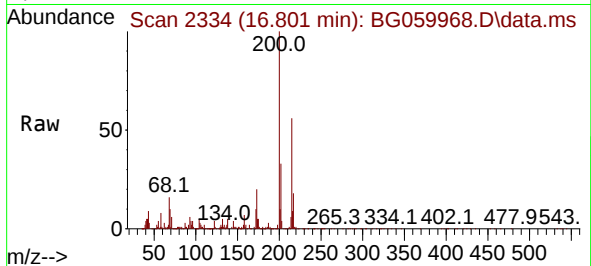




#69
Atrazine
Concen: 17.544 ng
RT: 16.801 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

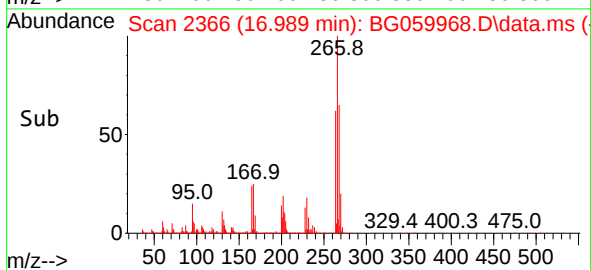
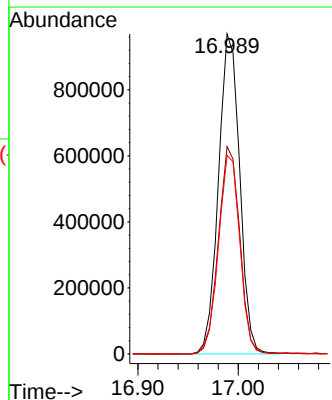
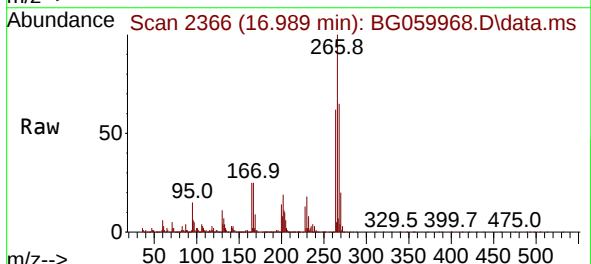
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

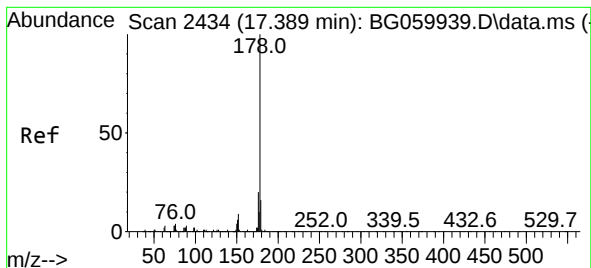
Tgt Ion:200 Resp: 289401
Ion Ratio Lower Upper
200 100
173 19.6 0.0 34.0
215 55.6 36.5 76.5



#70
Pentachlorophenol
Concen: 70.596 ng
RT: 16.989 min Scan# 2366
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:266 Resp: 1421282
Ion Ratio Lower Upper
266 100
268 64.8 49.3 73.9
264 62.0 53.2 79.8





#71

Phenanthrene

Concen: 39.234 ng

RT: 17.388 min Scan# 2434

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

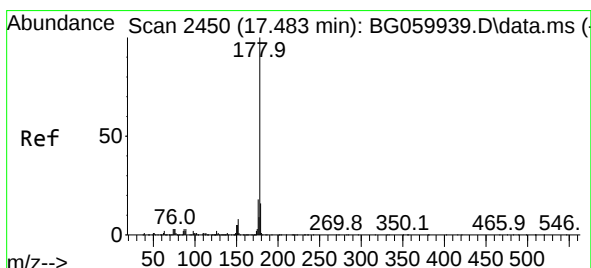
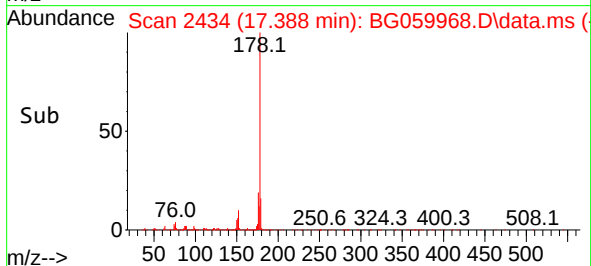
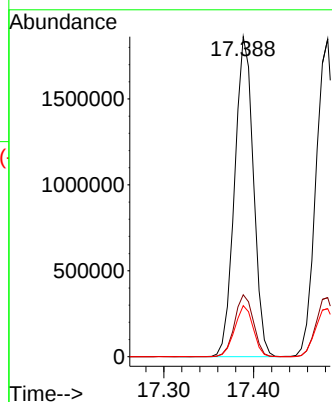
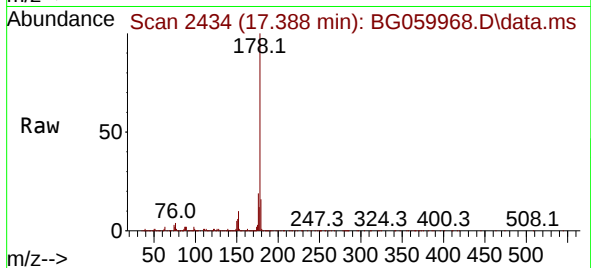
Tgt Ion:178 Resp: 2703843

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 16.0 12.6 19.0



#72

Anthracene

Concen: 39.319 ng

RT: 17.482 min Scan# 2450

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

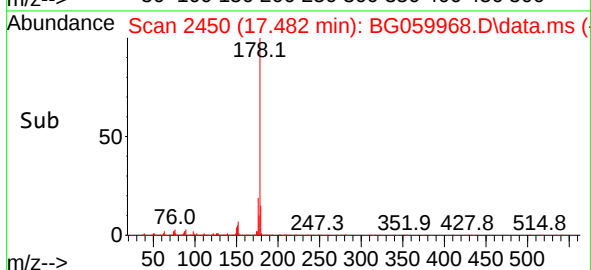
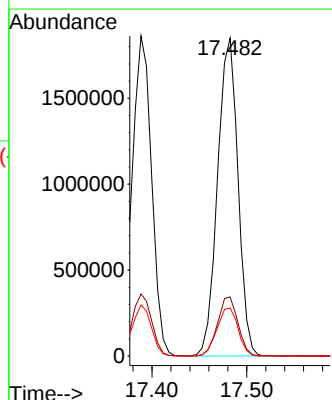
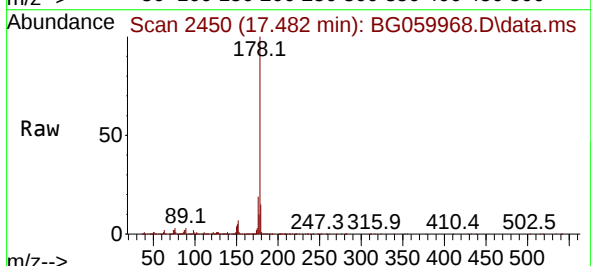
Tgt Ion:178 Resp: 2769725

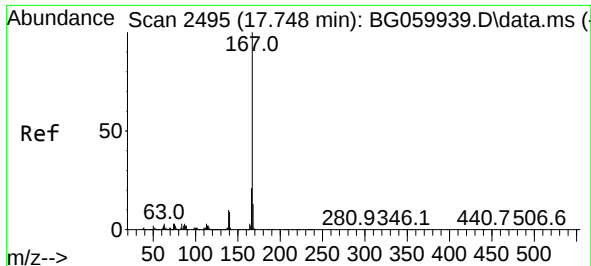
Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

179 15.1 13.2 19.8

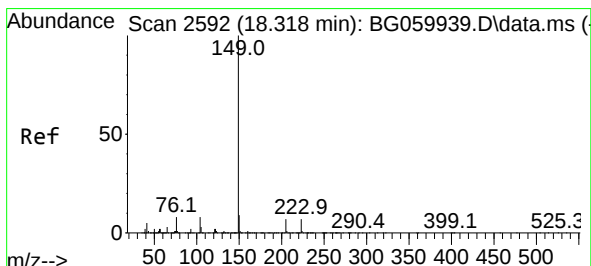
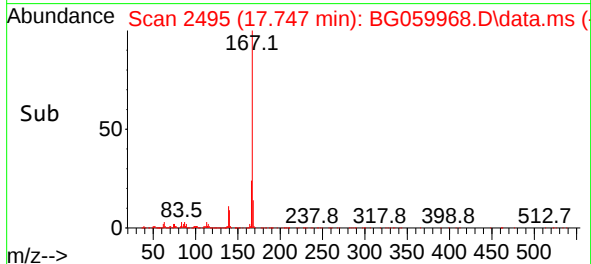
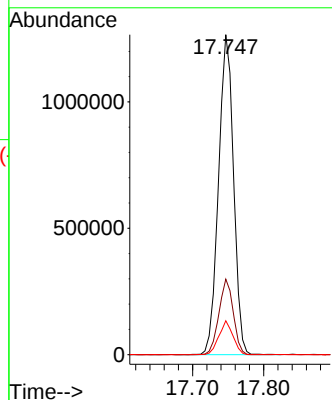
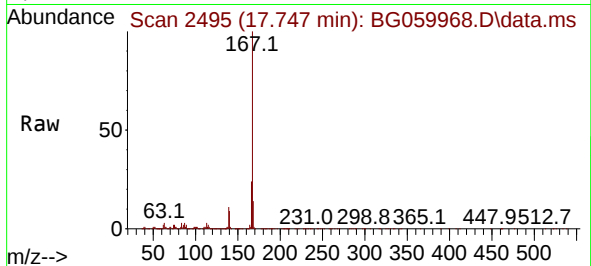




#73
 Carbazole
 Concen: 34.639 ng
 RT: 17.747 min Scan# 2495
 Delta R.T. -0.001 min
 Lab File: BG059968.D
 Acq: 6 Dec 2023 13:57

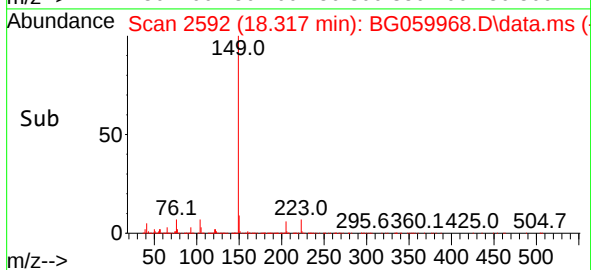
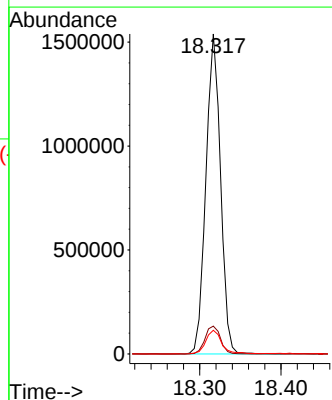
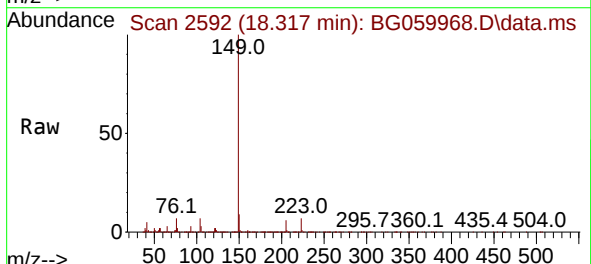
Instrument :
 BNA_G
 ClientSampleId :
 SPRING-VALLEY-TP-1MS

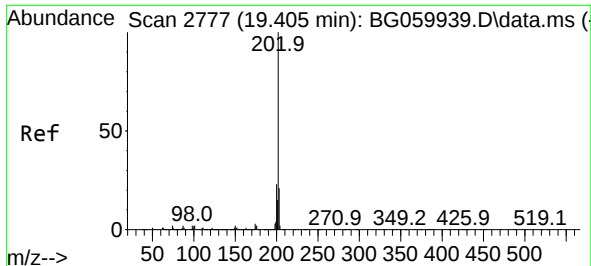
Tgt Ion:167 Resp: 1854542
 Ion Ratio Lower Upper
 167 100
 166 23.6 16.7 25.1
 139 10.6 8.0 12.0



#74
 Di-n-butylphthalate
 Concen: 41.355 ng
 RT: 18.317 min Scan# 2592
 Delta R.T. -0.001 min
 Lab File: BG059968.D
 Acq: 6 Dec 2023 13:57

Tgt Ion:149 Resp: 1915076
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 7.4 6.2 9.2

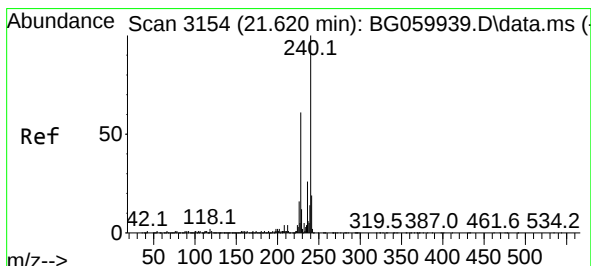
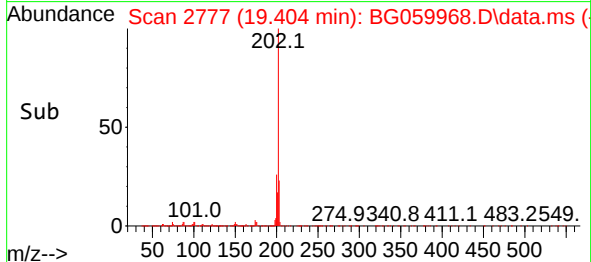
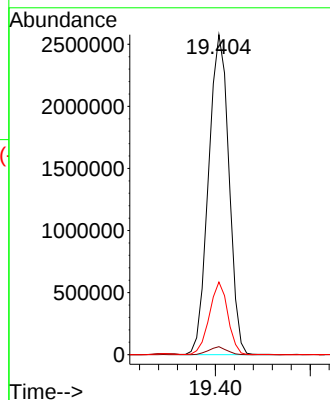
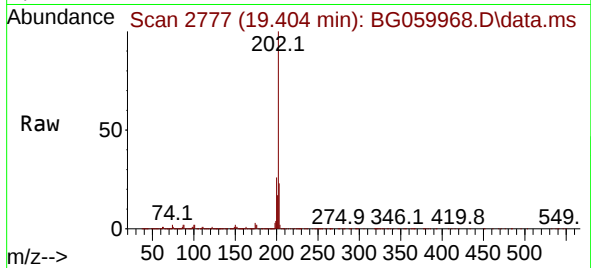




#75
Fluoranthene
Concen: 33.955 ng
RT: 19.404 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

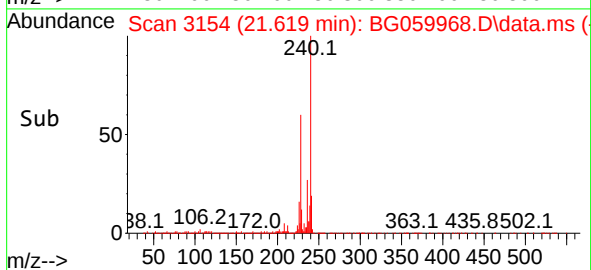
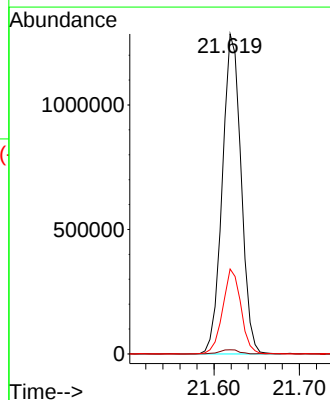
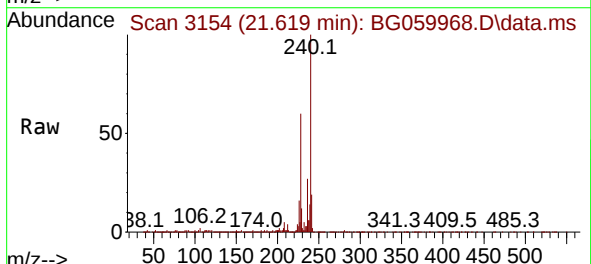
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

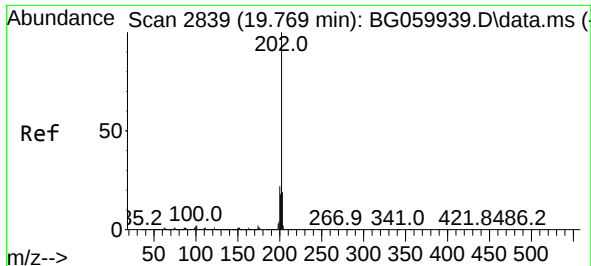
Tgt Ion:202 Resp: 3845782
Ion Ratio Lower Upper
202 100
101 2.5 0.0 21.6
203 22.7 0.9 40.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.619 min Scan# 3154
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:240 Resp: 1969218
Ion Ratio Lower Upper
240 100
120 1.3 1.0 1.4
236 26.6 20.8 31.2

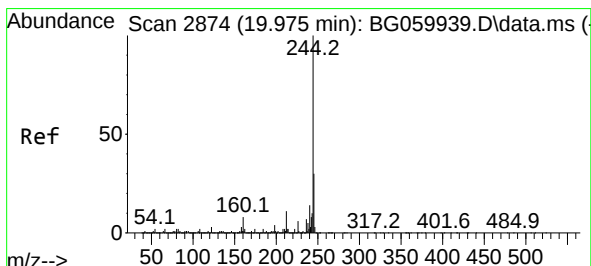
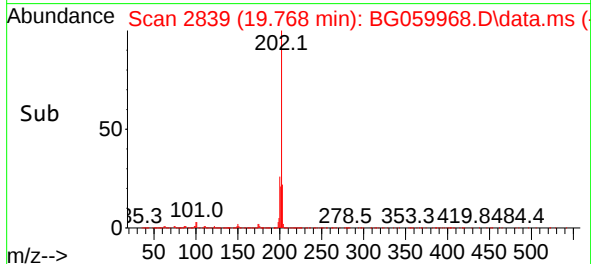
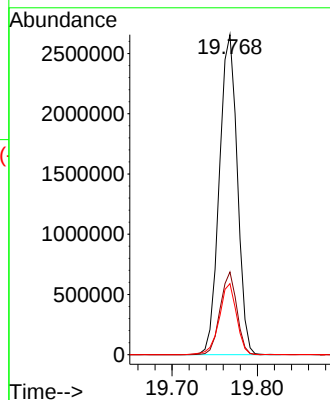
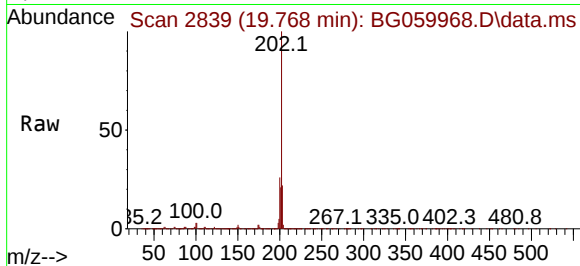




#78
Pyrene
Concen: 37.121 ng
RT: 19.768 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

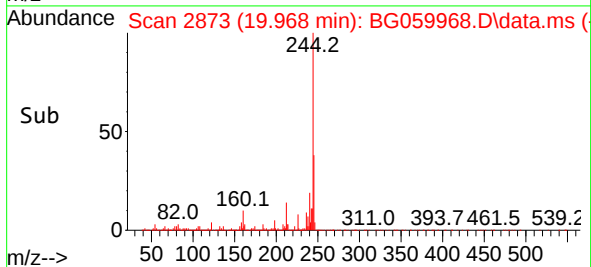
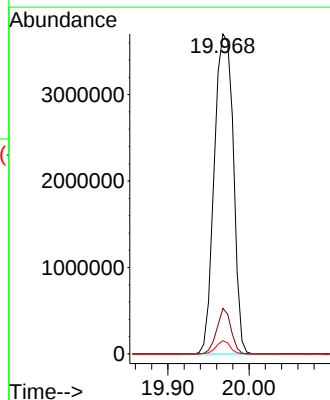
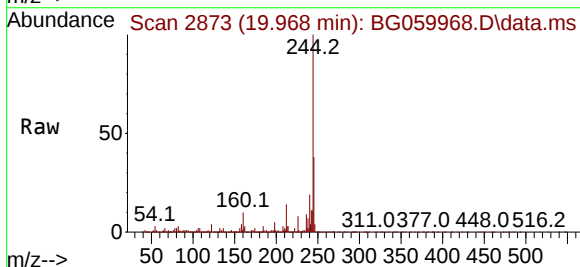
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

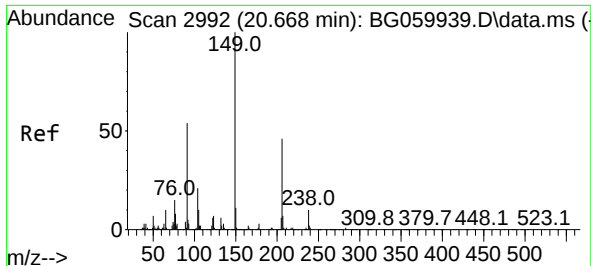
Tgt Ion:202 Resp: 3890205
Ion Ratio Lower Upper
202 100
200 25.8 17.8 26.6
203 22.2 15.4 23.0



#79
Terphenyl-d14
Concen: 52.799 ng
RT: 19.968 min Scan# 2873
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:244 Resp: 6031284
Ion Ratio Lower Upper
244 100
212 14.3 8.6 13.0#
122 4.1 2.1 3.1#

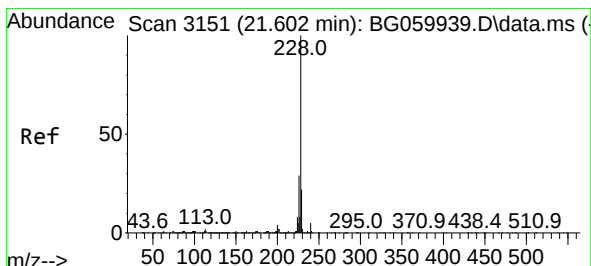
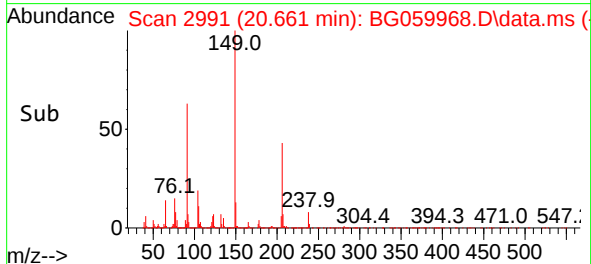
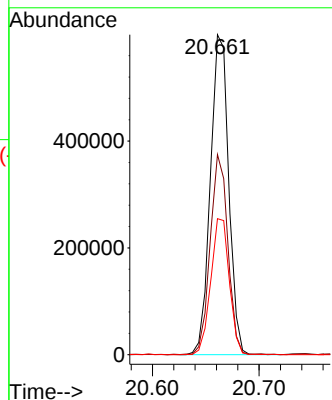
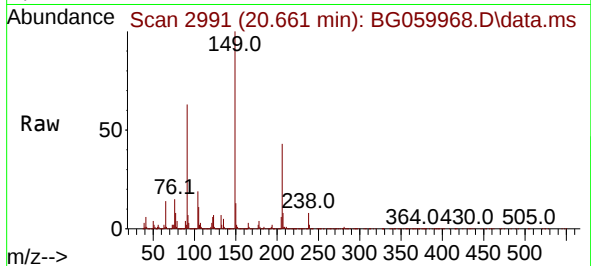




#80
Butylbenzylphthalate
Concen: 48.203 ng
RT: 20.661 min Scan# 2991
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

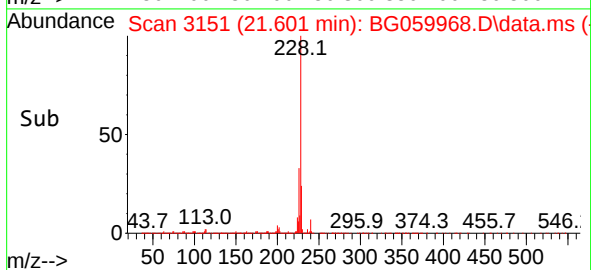
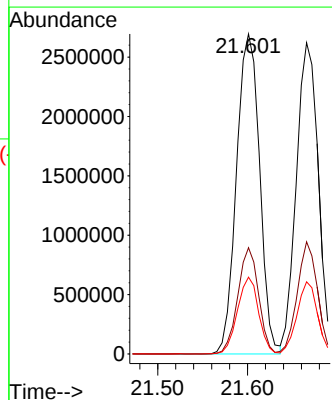
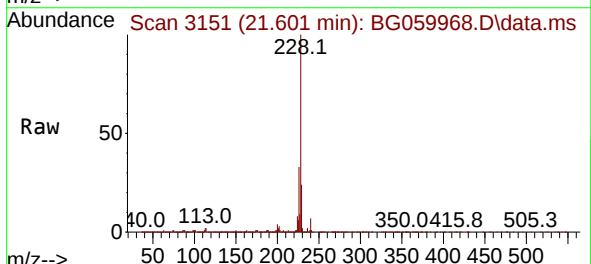
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

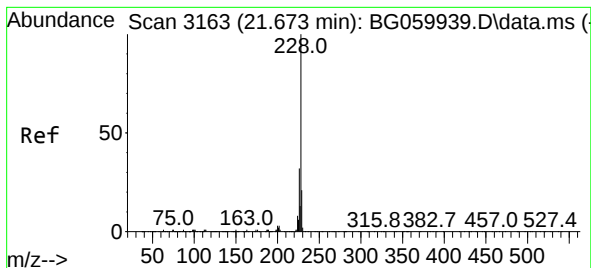
Tgt Ion:149 Resp: 716591
Ion Ratio Lower Upper
149 100
91 62.6 42.9 64.3
206 42.5 36.7 55.1



#81
Benzo(a)anthracene
Concen: 36.652 ng
RT: 21.601 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:228 Resp: 4815682
Ion Ratio Lower Upper
228 100
226 33.2 23.4 35.2
229 24.0 17.4 26.2





#83

Chrysene

Concen: 36.047 ng

RT: 21.666 min Scan# 3162

Delta R.T. -0.007 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

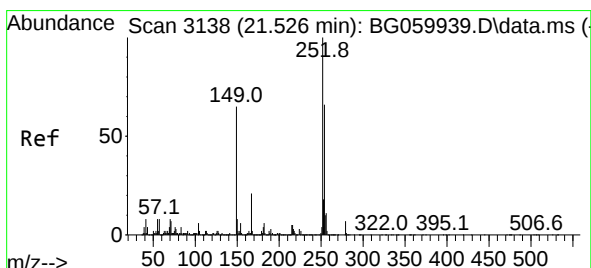
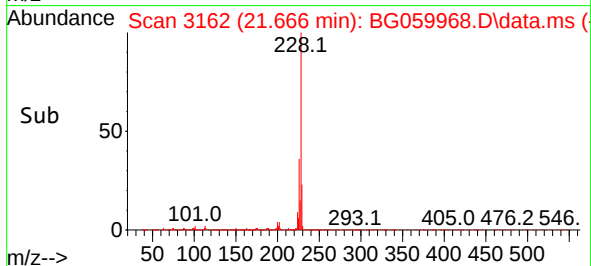
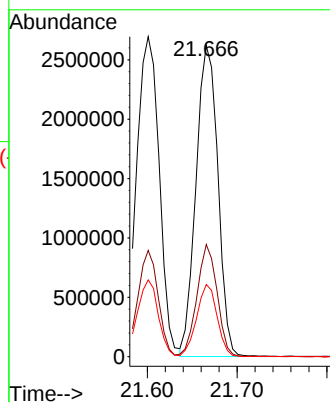
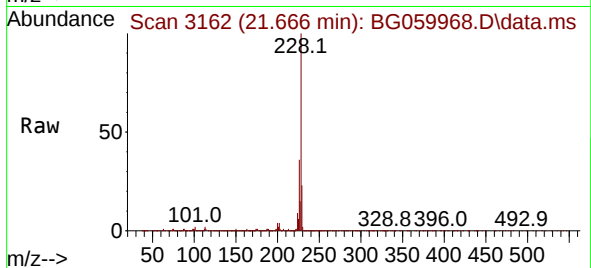
Tgt Ion:228 Resp: 4440366

Ion Ratio Lower Upper

228 100

226 36.1 25.4 38.2

229 23.2 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.670 ng

RT: 21.525 min Scan# 3138

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

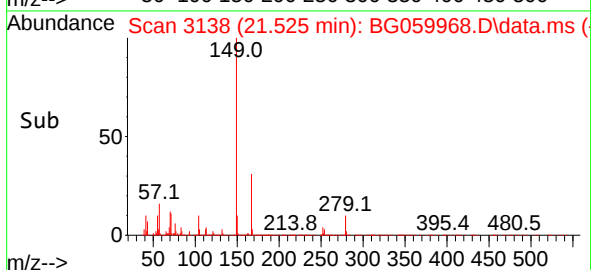
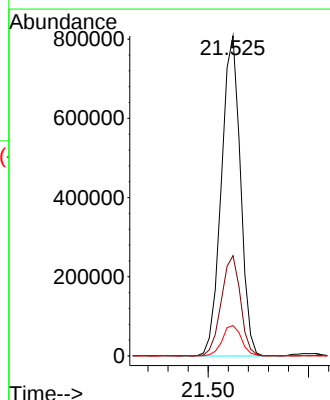
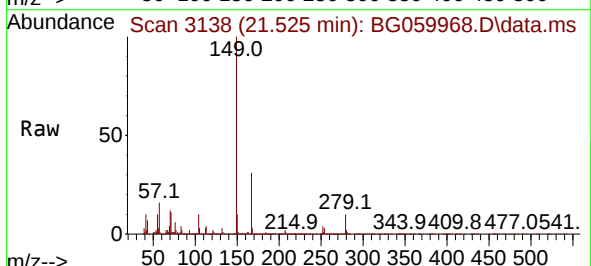
Tgt Ion:149 Resp: 1061650

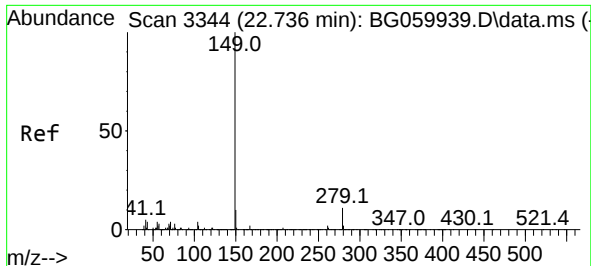
Ion Ratio Lower Upper

149 100

167 31.4 26.1 39.1

279 9.5 8.6 12.8

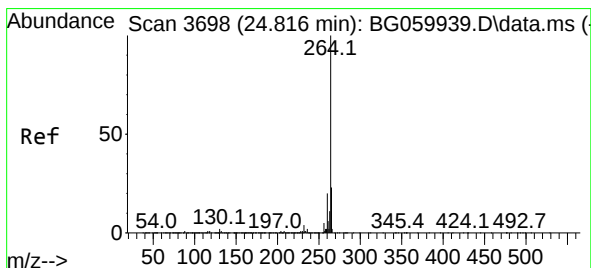
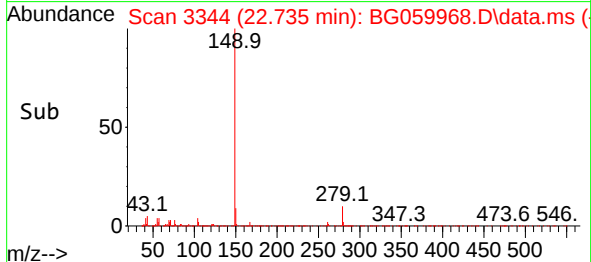
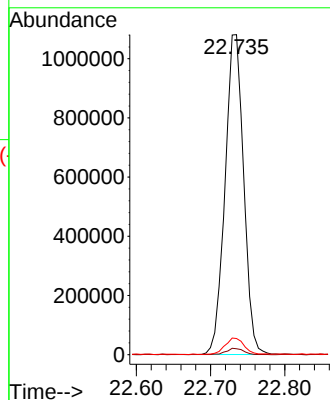
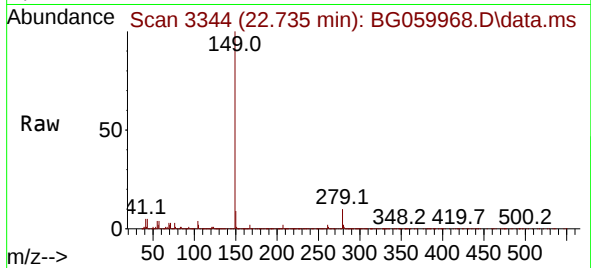




#85
Di-n-octyl phthalate
Concen: 47.956 ng
RT: 22.735 min Scan# 311
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

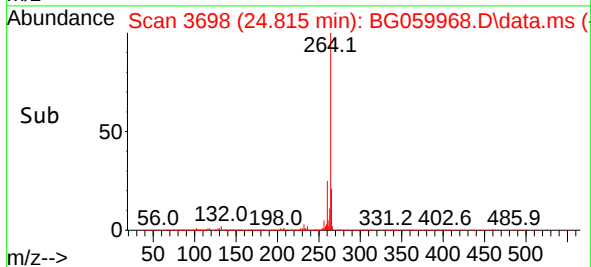
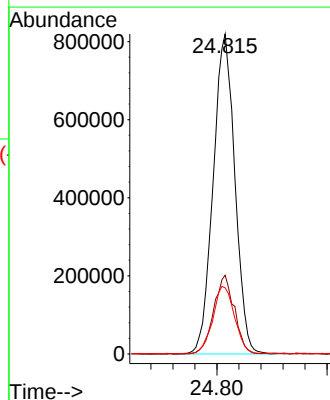
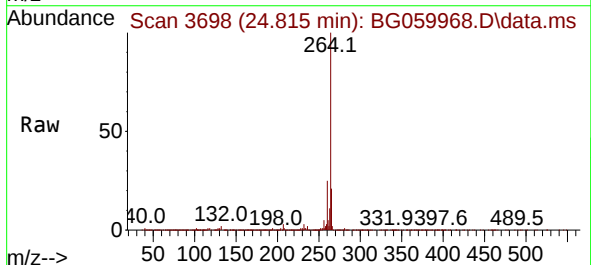
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

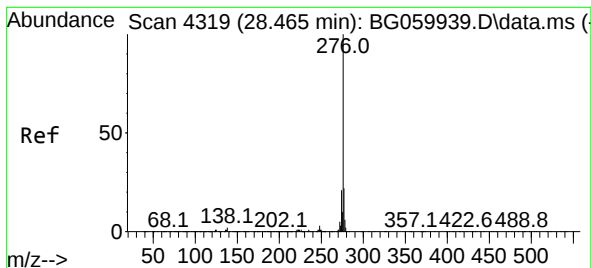
Tgt Ion:149 Resp: 1885267
Ion Ratio Lower Upper
149 100
167 1.8 1.7 2.5
43 5.3 3.6 5.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.815 min Scan# 3698
Delta R.T. -0.001 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:264 Resp: 2245115
Ion Ratio Lower Upper
264 100
260 24.6 15.8 23.6#
265 20.6 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.467 ng

RT: 28.464 min Scan# 4319

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

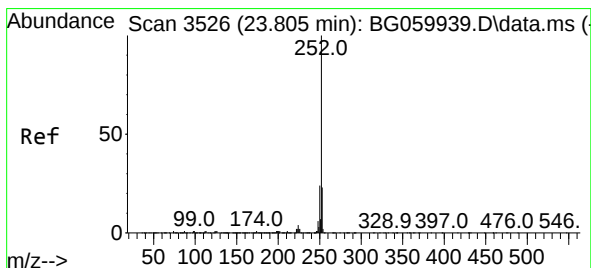
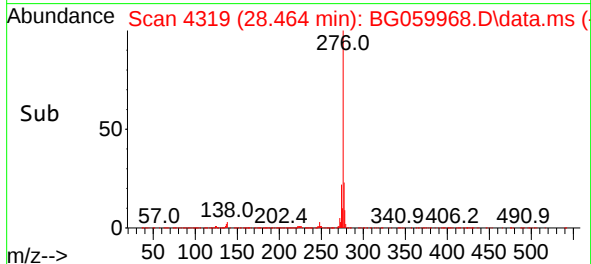
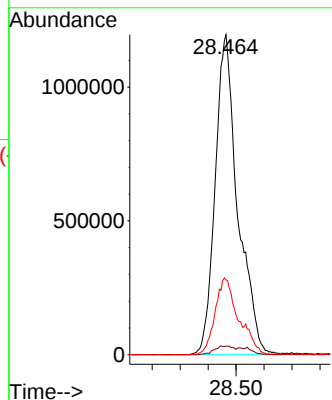
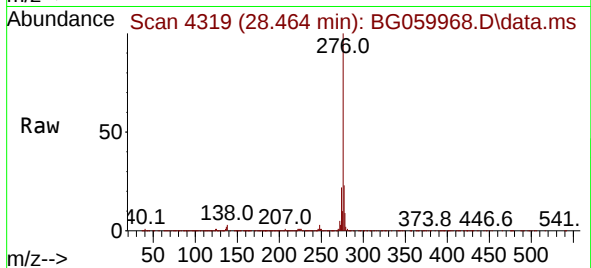
Tgt Ion:276 Resp: 6708971

Ion Ratio Lower Upper

276 100

138 1.3 0.0 0.0#

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 37.870 ng

RT: 23.804 min Scan# 3526

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

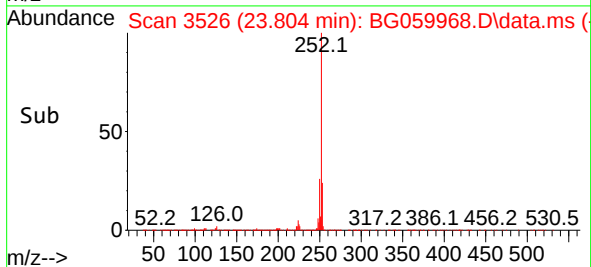
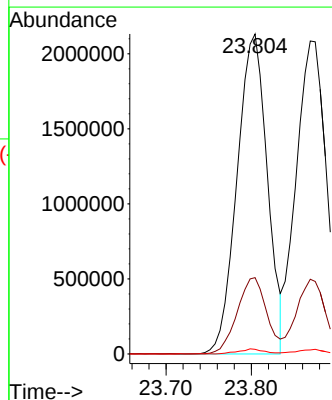
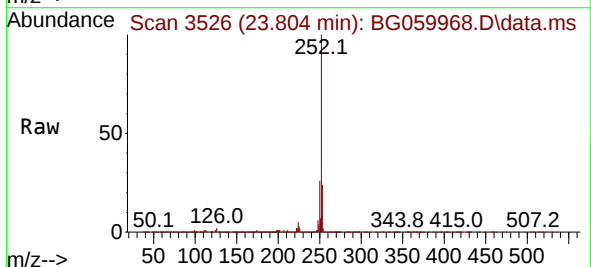
Tgt Ion:252 Resp: 5255201

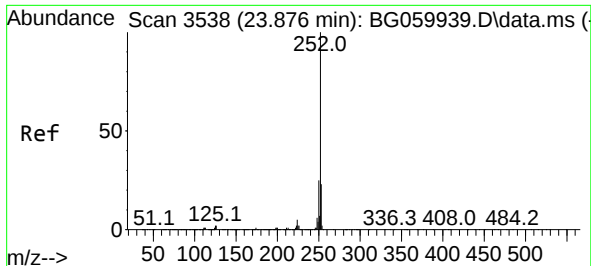
Ion Ratio Lower Upper

252 100

253 23.9 18.5 27.7

125 1.4 1.2 1.8

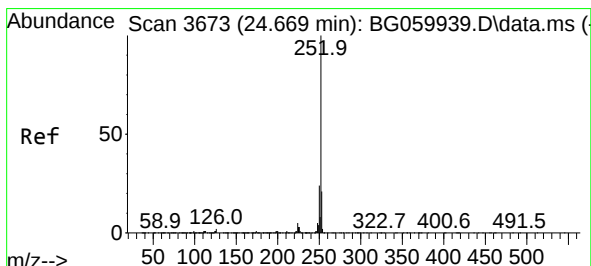
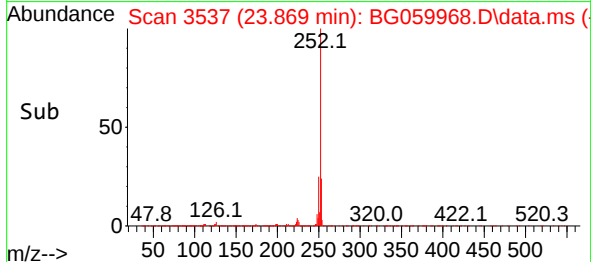
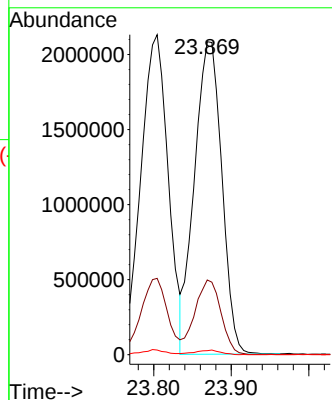
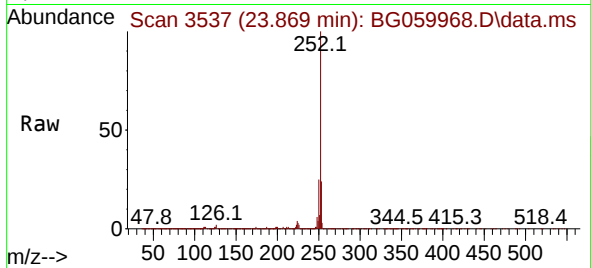




#89
Benzo(k)fluoranthene
Concen: 37.725 ng
RT: 23.869 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

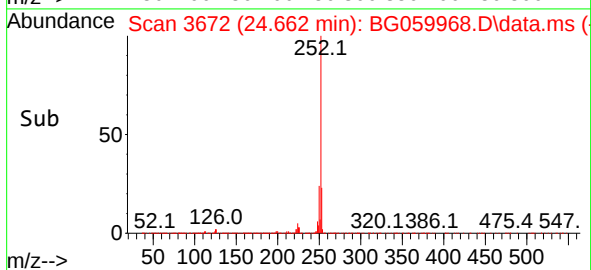
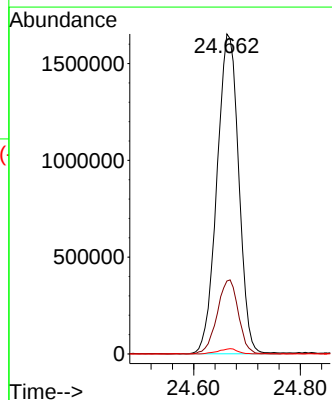
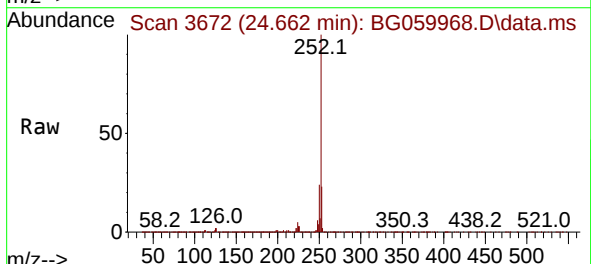
Instrument :
BNA_G
ClientSampleId :
SPRING-VALLEY-TP-1MS

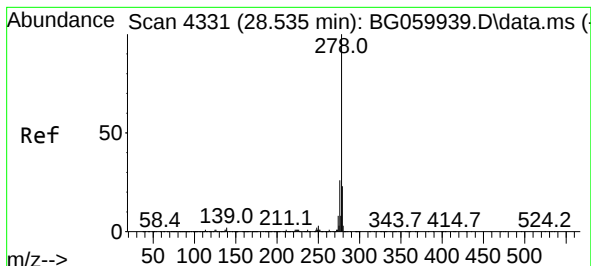
Tgt Ion:252 Resp: 5101245
Ion Ratio Lower Upper
252 100
253 23.9 18.3 27.5
125 1.3 1.3 1.9



#90
Benzo(a)pyrene
Concen: 37.715 ng
RT: 24.662 min Scan# 3672
Delta R.T. -0.007 min
Lab File: BG059968.D
Acq: 6 Dec 2023 13:57

Tgt Ion:252 Resp: 4674163
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 1.5 0.9 1.3#





#91

Dibenzo(a,h)anthracene

Concen: 40.570 ng

RT: 28.528 min Scan# 41

Delta R.T. -0.007 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Instrument :

BNA_G

ClientSampleId :

SPRING-VALLEY-TP-1MS

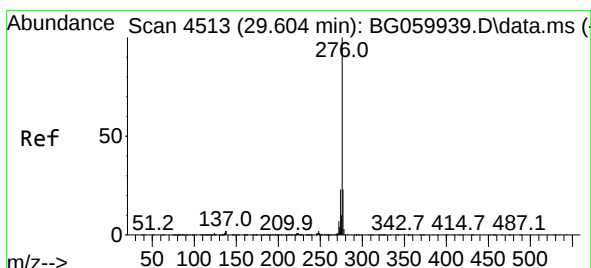
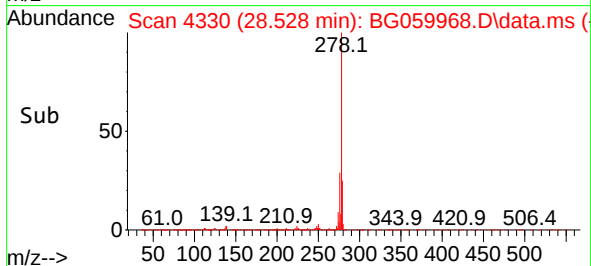
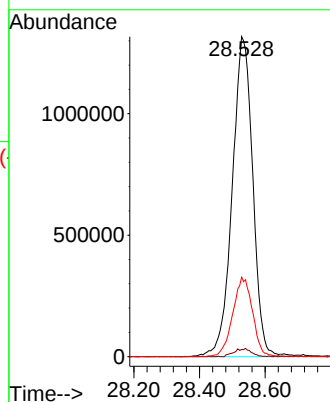
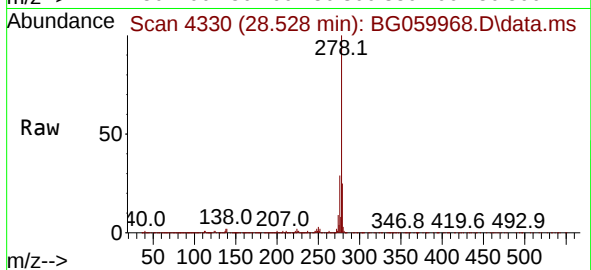
Tgt Ion:278 Resp: 5710613

Ion Ratio Lower Upper

278 100

139 2.2 1.7 2.5

279 24.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 38.424 ng

RT: 29.603 min Scan# 4513

Delta R.T. -0.001 min

Lab File: BG059968.D

Acq: 6 Dec 2023 13:57

Tgt Ion:276 Resp: 5230893

Ion Ratio Lower Upper

276 100

277 23.7 18.1 27.1

138 3.1 1.6 2.4#

