

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059905.D
 Acq On : 27 Nov 2023 16:55
 Operator : MA/JU
 Sample : 05425-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MSD

Quant Time: Nov 27 23:12:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 13:17:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.307	152	38471	20.000	ng	0.00
21) Naphthalene-d8	11.157	136	179957	20.000	ng	# 0.00
39) Acenaphthene-d10	14.941	164	120195	20.000	ng	0.00
64) Phenanthrene-d10	17.691	188	265831	20.000	ng	0.00
76) Chrysene-d12	22.015	240	220748	20.000	ng	0.00
86) Perylene-d12	25.570	264	241654	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	239537	104.799	ng	0.00
7) Phenol-d6	7.438	99	391130	115.475	ng	0.00
23) Nitrobenzene-d5	9.512	82	342498	72.688	ng	0.00
42) 2,4,6-Tribromophenol	16.427	330	181042	132.752	ng	0.00
45) 2-Fluorobiphenyl	13.560	172	720502	80.688	ng	0.00
79) Terphenyl-d14	20.264	244	1108349	74.121	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.625	88	27371	25.496	ng	# 93
3) Pyridine	4.048	79	65763	22.428	ng	94
4) n-Nitrosodimethylamine	3.971	42	54200	34.746	ng	# 53
6) Aniline	7.632	93	82224	18.394	ng	97
8) 2-Chlorophenol	7.855	128	122022	49.210	ng	88
9) Benzaldehyde	7.456	77	23934	10.454	ng	# 82
10) Phenol	7.461	94	163752	46.908	ng	93
11) bis(2-Chloroethyl)ether	7.720	93	90658	41.718	ng	93
12) 1,3-Dichlorobenzene	8.184	146	126640	45.979	ng	94
13) 1,4-Dichlorobenzene	8.343	146	133793	48.373	ng	96
14) 1,2-Dichlorobenzene	8.666	146	129728	47.209	ng	93
15) Benzyl Alcohol	8.548	79	183278	47.451	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.825	45	35323	44.180	ng	# 63
17) 2-Methylphenol	8.736	107	117167	45.568	ng	92
18) Hexachloroethane	9.394	117	55492	47.270	ng	93
19) n-Nitroso-di-n-propyla...	9.112	70	113418	42.521	ng	# 94
20) 3+4-Methylphenols	9.065	107	158001	44.263	ng	97
22) Acetophenone	9.148	105	235036	46.132	ng	97
24) Nitrobenzene	9.553	77	192307	44.314	ng	94
25) Isophorone	10.058	82	327606	41.414	ng	98
26) 2-Nitrophenol	10.258	139	70645	44.403	ng	92
27) 2,4-Dimethylphenol	10.282	122	122186	37.772	ng	96
28) bis(2-Chloroethoxy)met...	10.540	93	137375	46.213	ng	# 95
29) 2,4-Dichlorophenol	10.787	162	141119	51.096	ng	89
30) 1,2,4-Trichlorobenzene	11.004	180	141591	50.727	ng	92
31) Naphthalene	11.204	128	419553	46.365	ng	97
32) Benzoic acid	10.417	122	89727	40.757	ng	# 57
33) 4-Chloroaniline	11.327	127	30407	7.900	ng	# 91
34) Hexachlorobutadiene	11.427	225	94116	49.544	ng	94
35) Caprolactam	12.115	113	26852	26.603	ng	93
36) 4-Chloro-3-methylphenol	12.403	107	180665	49.187	ng	96
37) 2-Methylnaphthalene	12.785	142	329850	43.280	ng	# 85
38) 1-Methylnaphthalene	13.002	142	315536	44.895	ng	100
40) 1,2,4,5-Tetrachloroben...	13.131	216	171404	52.804	ng	99
41) Hexachlorocyclopentadiene	13.084	237	213078	104.646	ng	94
43) 2,4,6-Trichlorophenol	13.372	196	116913	51.794	ng	85

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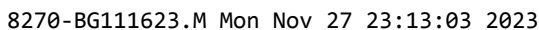
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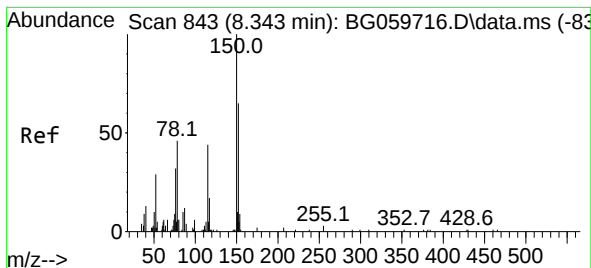
Quant Time: Nov 27 23:12:50 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	122466	46.174	ng	# 74
46) 1,1'-Biphenyl	13.778	154	463571	49.137	ng	96
47) 2-Chloronaphthalene	13.830	162	334060	51.532	ng	96
48) 2-Nitroaniline	14.048	65	114254	49.365	ng	90
49) Acenaphthylene	14.671	152	550039	49.762	ng	# 95
50) Dimethylphthalate	14.383	163	449202	48.226	ng	98
51) 2,6-Dinitrotoluene	14.530	165	84930	48.064	ng	96
52) Acenaphthene	15.006	154	314599	47.326	ng	96
53) 3-Nitroaniline	14.870	138	37560	18.160	ng	# 88
54) 2,4-Dinitrophenol	15.064	184	109062	83.059	ng	# 61
55) Dibenzofuran	15.335	168	522760	47.697	ng	94
56) 4-Nitrophenol	15.152	139	140635	88.874	ng	94
57) 2,4-Dinitrotoluene	15.305	165	126321	46.486	ng	# 95
58) Fluorene	15.987	166	434528	47.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.546	232	108859	46.691	ng	96
60) Diethylphthalate	15.728	149	492889	49.340	ng	97
61) 4-Chlorophenyl-phenyle...	15.963	204	218579	46.637	ng	96
62) 4-Nitroaniline	16.028	138	79004	38.113	ng	97
63) Azobenzene	16.257	77	483603	43.563	ng	97
65) 4,6-Dinitro-2-methylph...	16.057	198	78432	48.279	ng	86
66) n-Nitrosodiphenylamine	16.186	169	388461	50.024	ng	97
67) 4-Bromophenyl-phenylether	16.862	248	143030	50.084	ng	97
68) Hexachlorobenzene	16.956	284	150081	56.306	ng	97
69) Atrazine	17.121	200	154683	62.129	ng	96
70) Pentachlorophenol	17.315	266	192745	94.784	ng	92
71) Phenanthrene	17.738	178	655730	48.517	ng	96
72) Anthracene	17.826	178	675218	48.083	ng	97
73) Carbazole	18.102	167	567526	46.260	ng	97
74) Di-n-butylphthalate	18.601	149	707754	47.728	ng	98
75) Fluoranthene	19.729	202	722951	44.604	ng	95
77) Benzidine	19.912	184	244172	48.779	ng	# 96
78) Pyrene	20.094	202	685426	45.636	ng	97
80) Butylbenzylphthalate	20.946	149	289155	46.951	ng	94
81) Benzo(a)anthracene	21.991	228	669470	44.324	ng	97
82) 3,3'-Dichlorobenzidine	21.897	252	120711	21.452	ng	# 87
83) Chrysene	22.062	228	604758	43.678	ng	97
84) Bis(2-ethylhexyl)phtha...	21.815	149	380779	44.228	ng	# 94
85) Di-n-octyl phthalate	23.137	149	647347	39.058	ng	100
87) Indeno(1,2,3-cd)pyrene	29.700	276	711651	38.920	ng	# 95
88) Benzo(b)fluoranthene	24.424	252	680412	51.372	ng	# 94
89) Benzo(k)fluoranthene	24.494	252	664141	50.720	ng	# 98
90) Benzo(a)pyrene	25.399	252	603340	42.683	ng	# 96
91) Dibenzo(a,h)anthracene	29.782	278	704549	45.543	ng	# 95
92) Benzo(g,h,i)perylene	31.022	276	626827	42.703	ng	# 99

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

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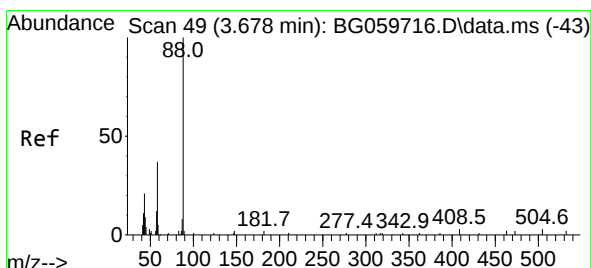
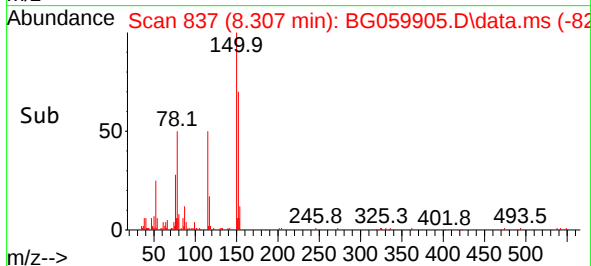
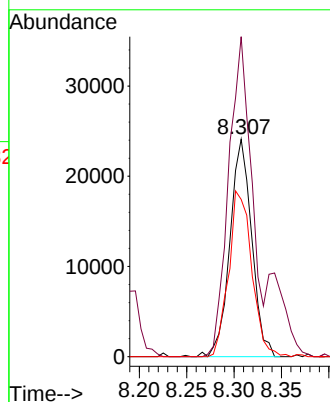
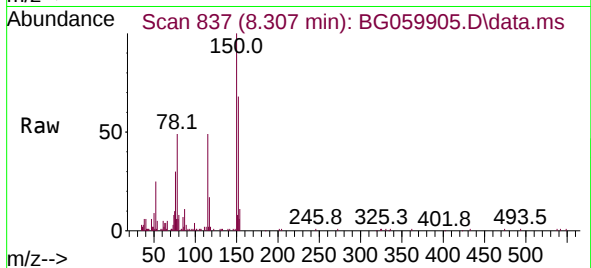




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.307 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

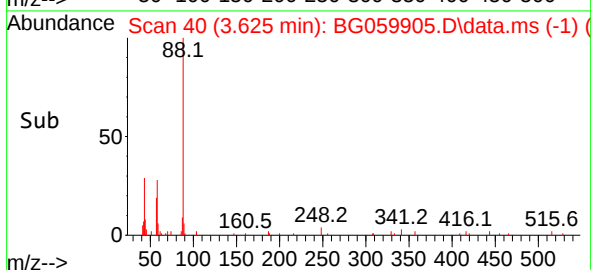
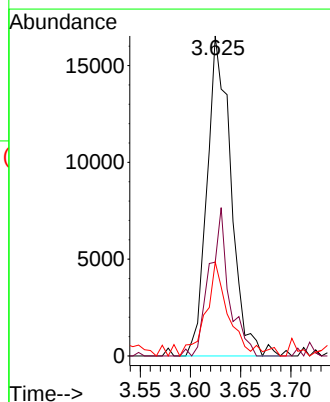
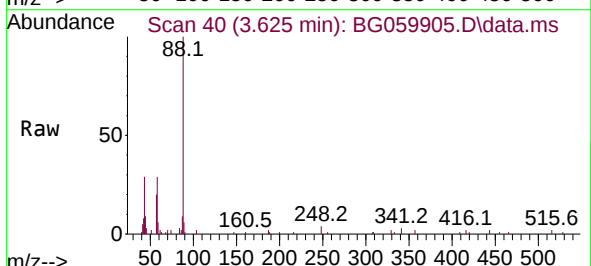
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 O-5(5-10)MSD

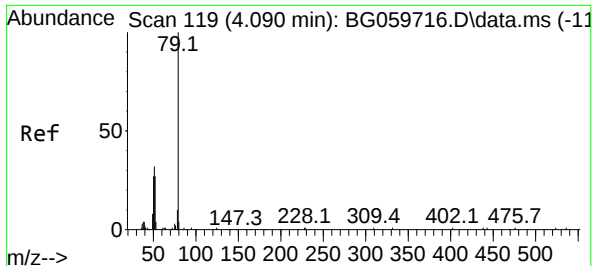
Tgt Ion:152 Resp: 38471
 Ion Ratio Lower Upper
 152 100
 150 147.1 122.2 183.4
 115 72.3 54.2 81.4



#2
 1,4-Dioxane
 Concen: 25.496 ng
 RT: 3.625 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

Tgt Ion: 88 Resp: 27371
 Ion Ratio Lower Upper
 88 100
 58 37.9 28.6 42.8
 43 27.4 17.5 26.3#

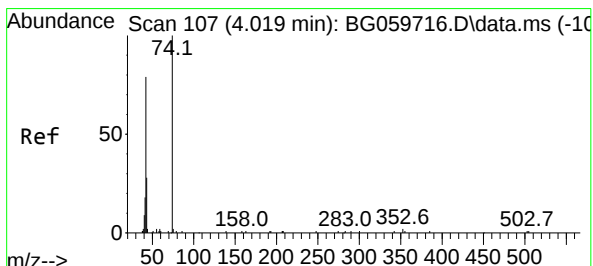
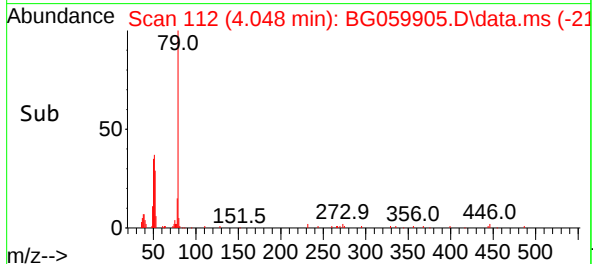
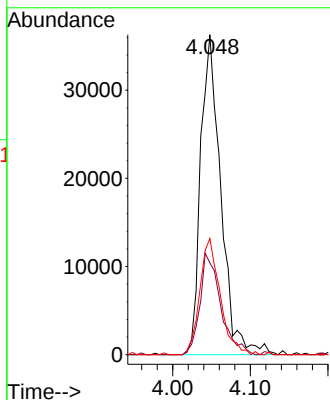
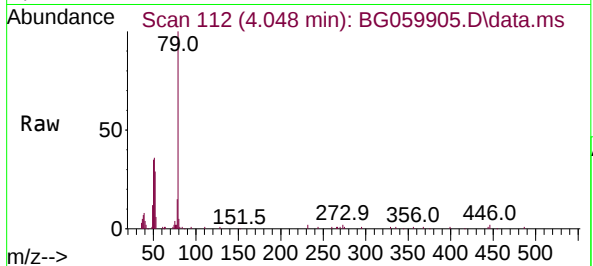




#3
 Pyridine
 Concen: 22.428 ng
 RT: 4.048 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

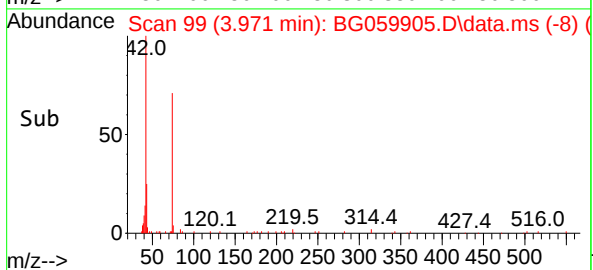
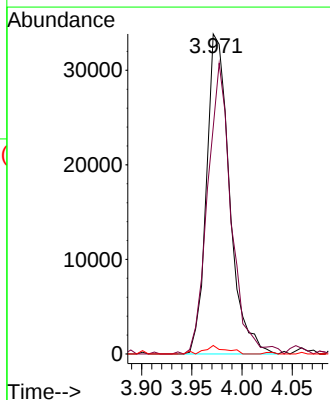
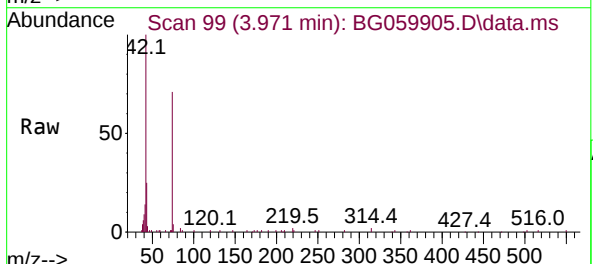
Instrument :
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 ClientSampleId :
 O-5(5-10)MSD

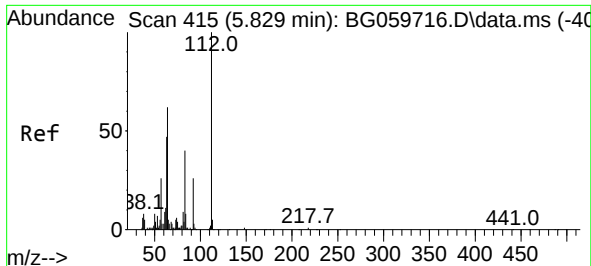
Tgt Ion: 79 Resp: 65763
 Ion Ratio Lower Upper
 79 100
 52 28.6 21.6 32.4
 51 36.3 25.3 37.9



#4
 n-Nitrosodimethylamine
 Concen: 34.746 ng
 RT: 3.971 min Scan# 99
 Delta R.T. 0.002 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

Tgt Ion: 42 Resp: 54200
 Ion Ratio Lower Upper
 42 100
 74 70.9 101.2 151.8#
 44 2.7 2.4 3.6

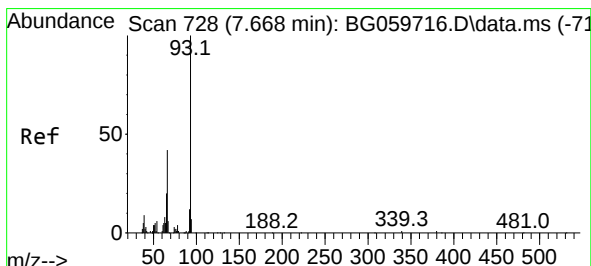
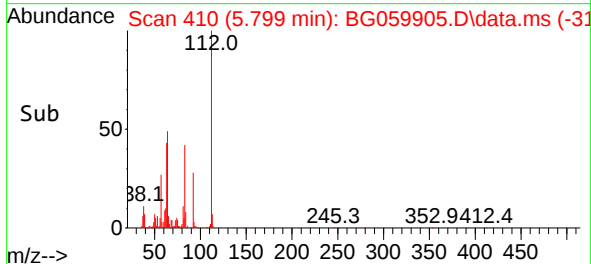
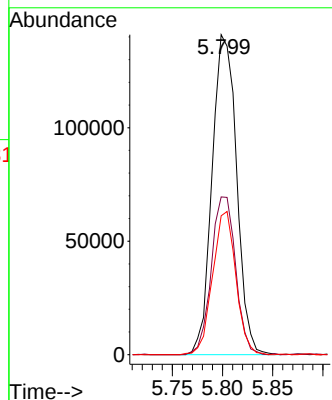
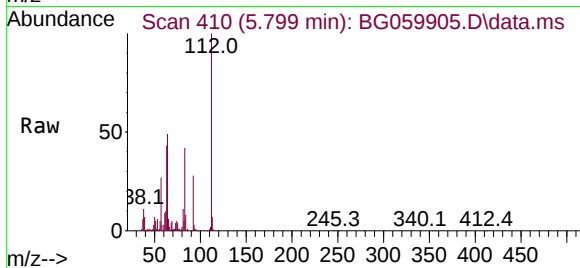




#5
2-Fluorophenol
Concen: 104.799 ng
RT: 5.799 min Scan# 415
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

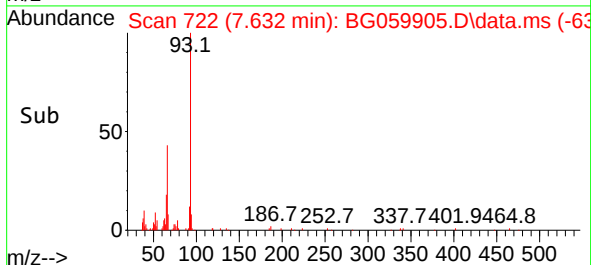
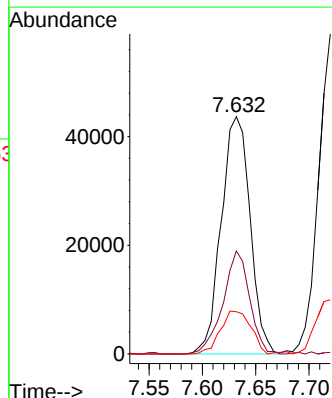
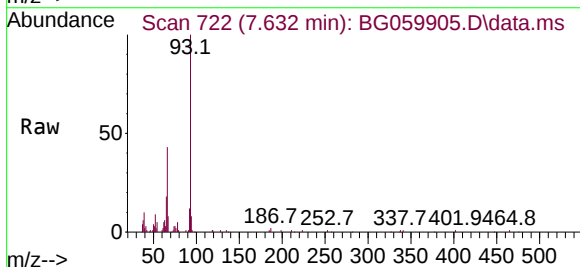
Instrument :
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ClientSampleId :
O-5(5-10)MSD

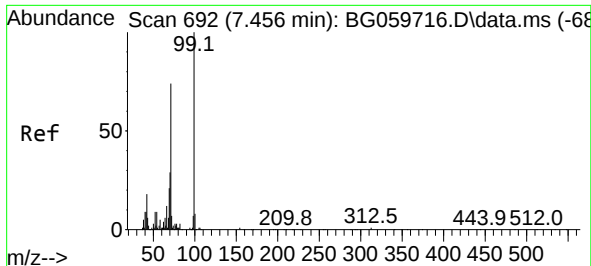
Tgt Ion:112 Resp: 239537
Ion Ratio Lower Upper
112 100
64 49.3 49.5 74.3#
63 43.4 37.4 56.2



#6
Aniline
Concen: 18.394 ng
RT: 7.632 min Scan# 722
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 93 Resp: 82224
Ion Ratio Lower Upper
93 100
66 43.4 33.9 50.9
65 17.8 15.8 23.8

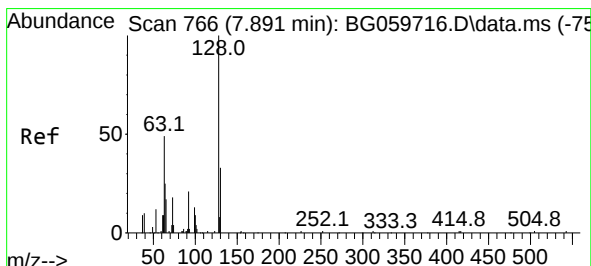
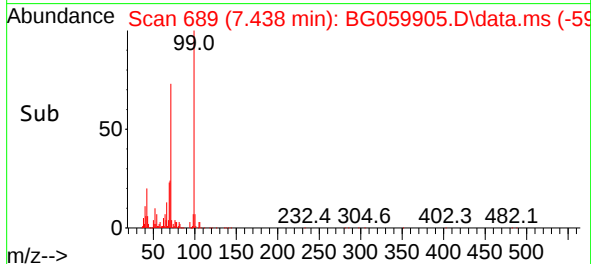
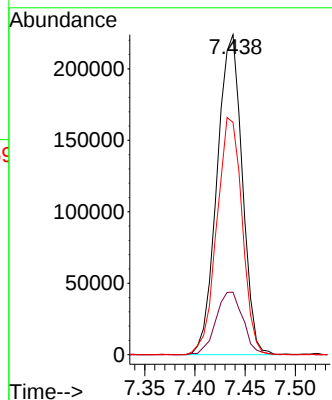
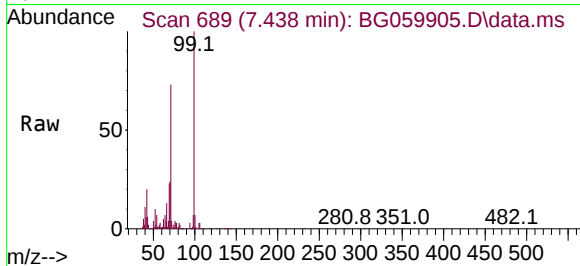




#7
Phenol-d6
Concen: 115.475 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

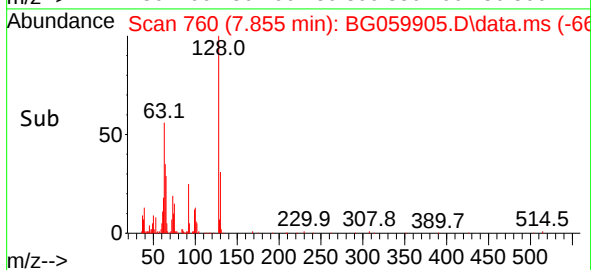
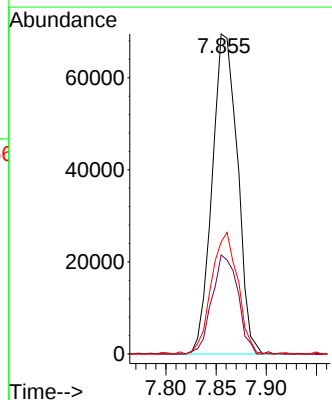
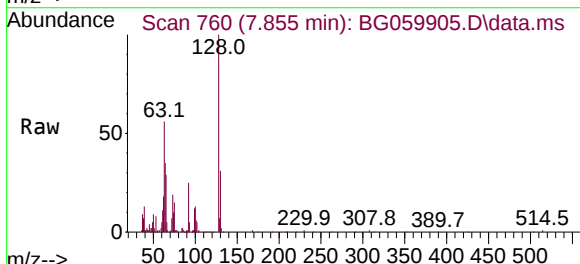
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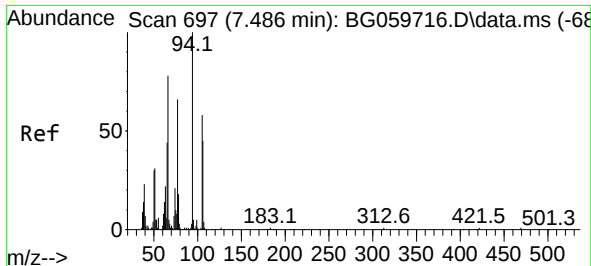
Tgt Ion: 99 Resp: 391130
Ion Ratio Lower Upper
99 100
42 19.6 14.3 21.5
71 72.6 59.3 88.9



#8
2-Chlorophenol
Concen: 49.210 ng
RT: 7.855 min Scan# 760
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:128 Resp: 122022
Ion Ratio Lower Upper
128 100
130 31.0 13.1 53.1
64 35.0 27.0 67.0

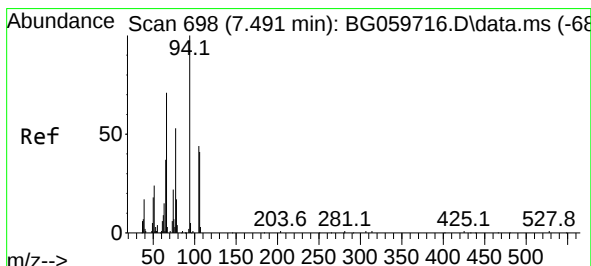
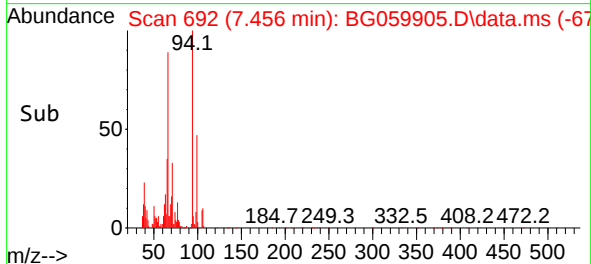
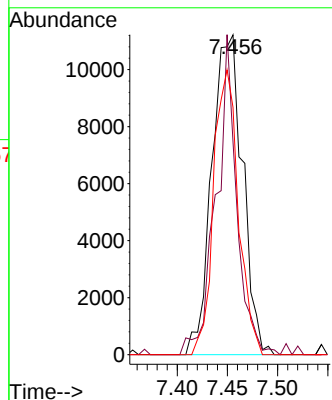
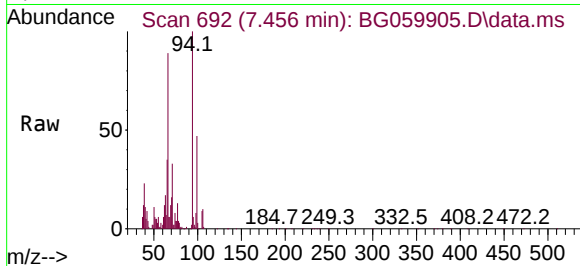




#9
Benzaldehyde
Concen: 10.454 ng
RT: 7.456 min Scan# 691
Delta R.T. 0.008 min
Lab File: BG059905.D
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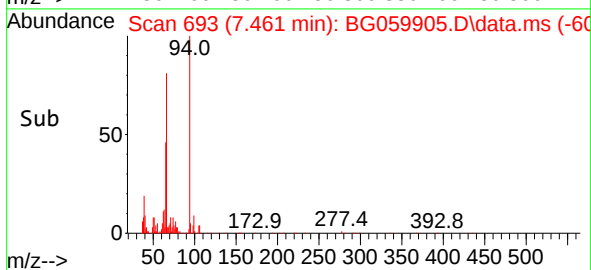
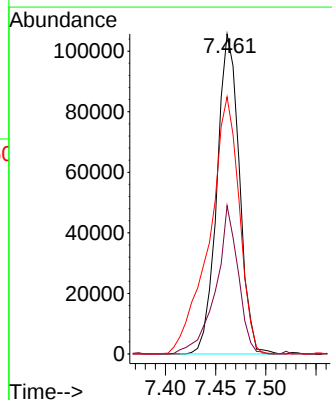
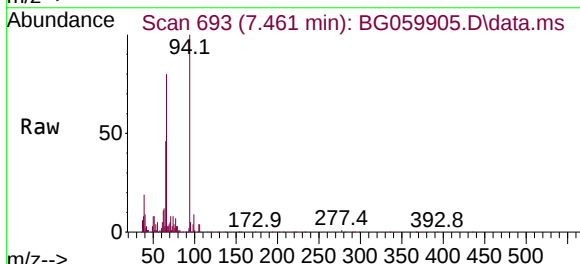
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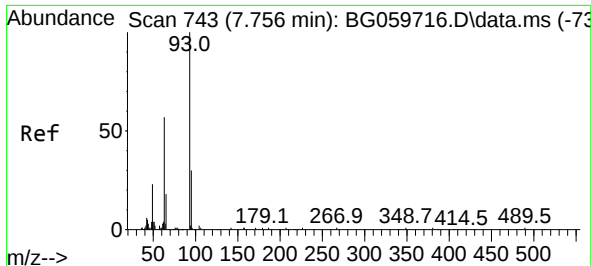
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Ion Ratio Lower Upper
77 100
105 66.6 68.0 108.0#
106 77.4 48.1 88.1



#10
Phenol
Concen: 46.908 ng
RT: 7.461 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 94 Resp: 163752
Ion Ratio Lower Upper
94 100
65 46.4 18.1 58.1
66 80.3 56.6 96.6

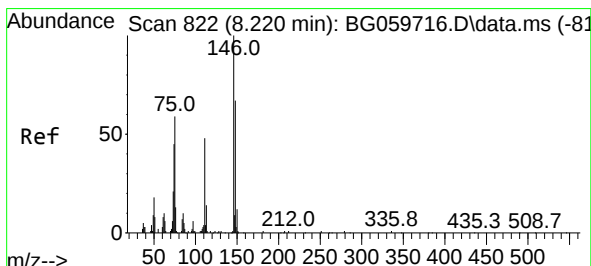
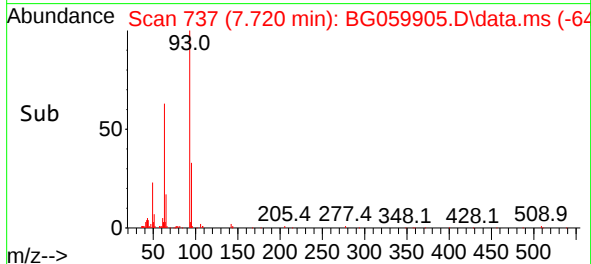
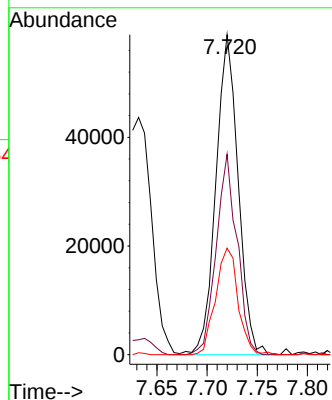
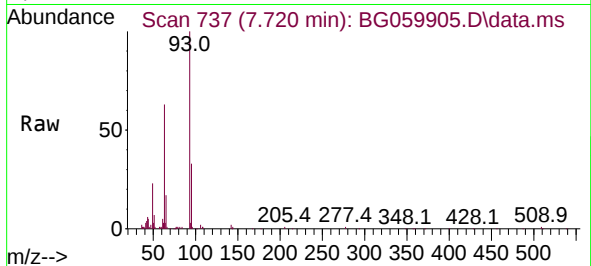




#11
bis(2-Chloroethyl)ether
Concen: 41.718 ng
RT: 7.720 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

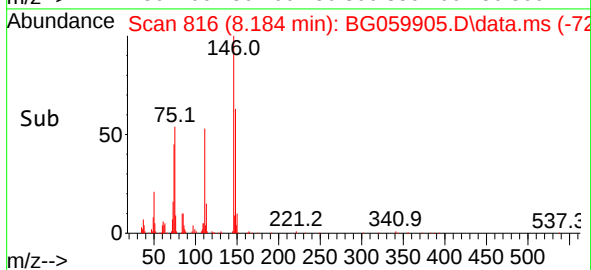
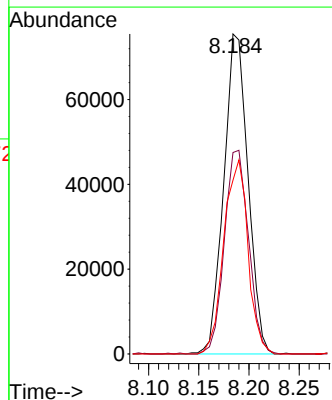
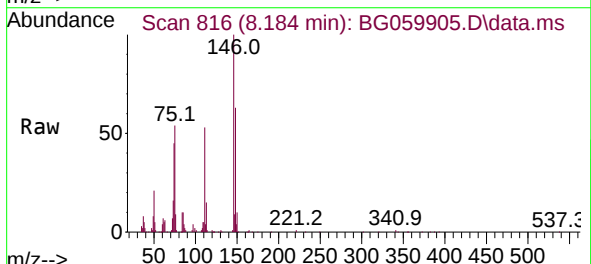
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

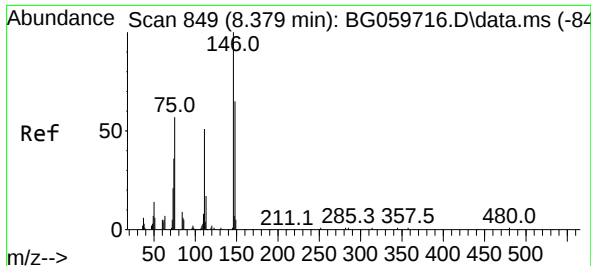
Tgt Ion: 93 Resp: 90658
Ion Ratio Lower Upper
93 100
63 62.6 37.2 77.2
95 33.3 10.2 50.2



#12
1,3-Dichlorobenzene
Concen: 45.979 ng
RT: 8.184 min Scan# 816
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:146 Resp: 126640
Ion Ratio Lower Upper
146 100
148 62.9 53.9 80.9
75 54.3 47.5 71.3

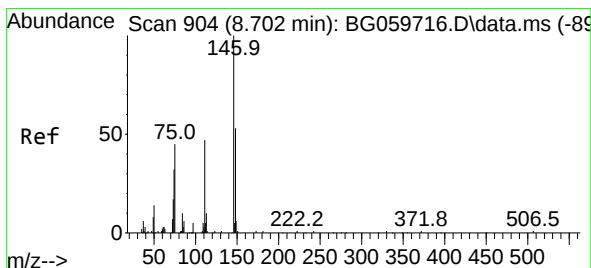
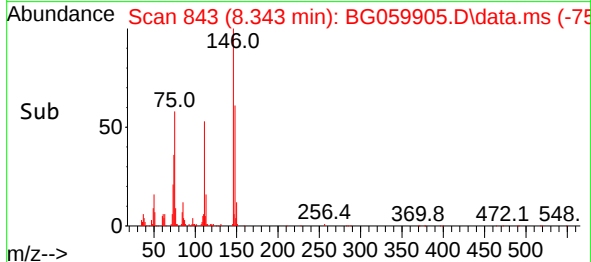
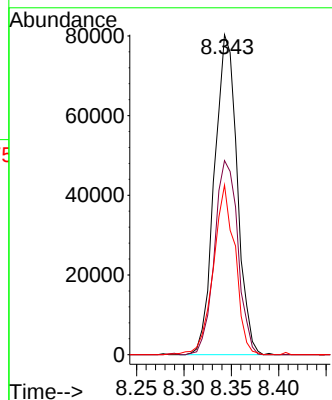
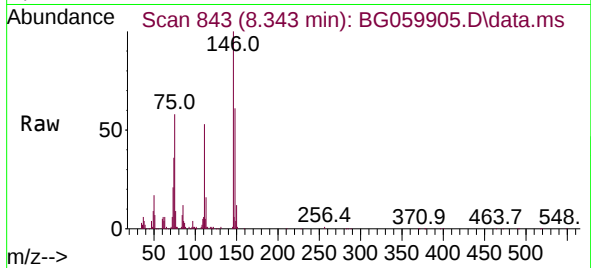




#13
1,4-Dichlorobenzene
Concen: 48.373 ng
RT: 8.343 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

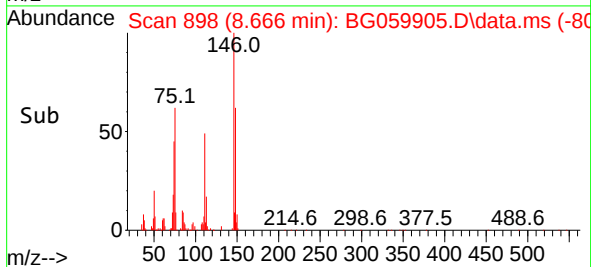
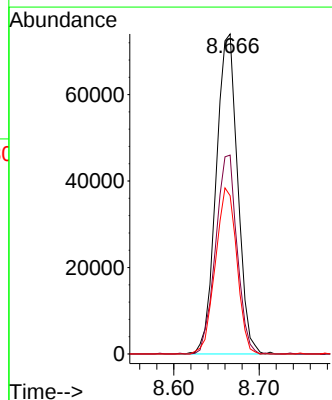
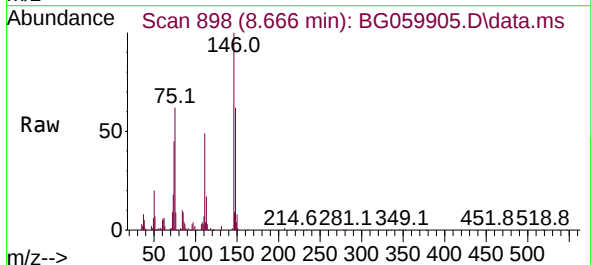
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

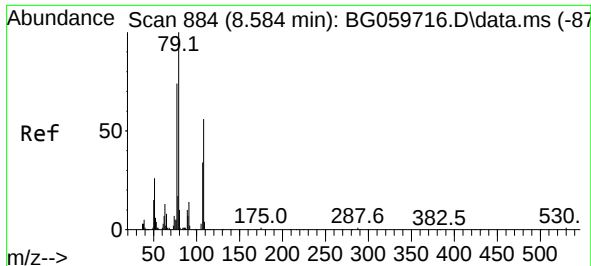
Tgt Ion:146 Resp: 133793
Ion Ratio Lower Upper
146 100
148 60.6 52.3 78.5
111 53.0 41.2 61.8



#14
1,2-Dichlorobenzene
Concen: 47.209 ng
RT: 8.666 min Scan# 898
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:146 Resp: 129728
Ion Ratio Lower Upper
146 100
148 62.1 43.1 64.7
111 49.4 38.3 57.5

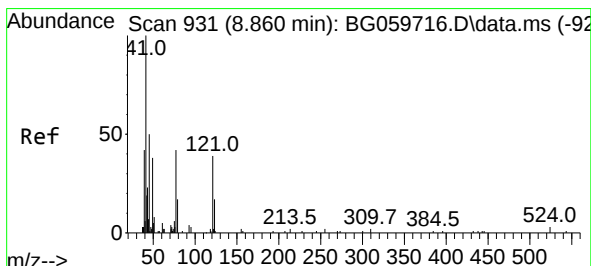
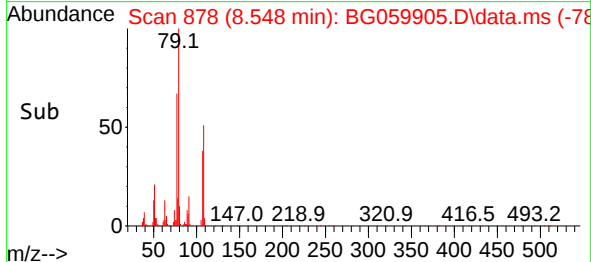
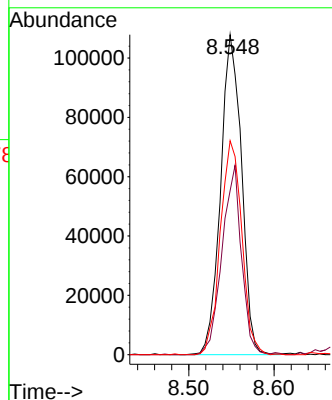
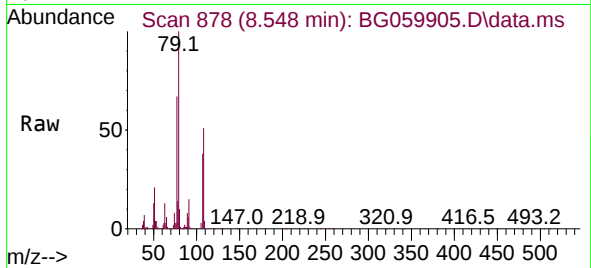




#15
Benzyl Alcohol
Concen: 47.451 ng
RT: 8.548 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

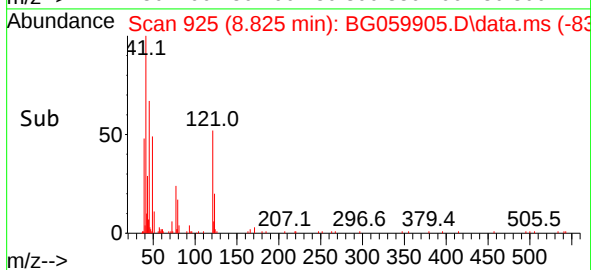
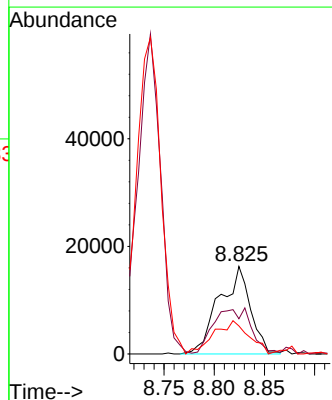
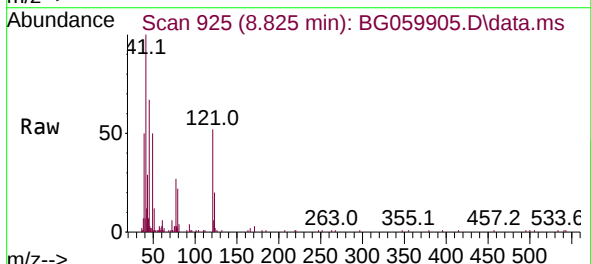
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

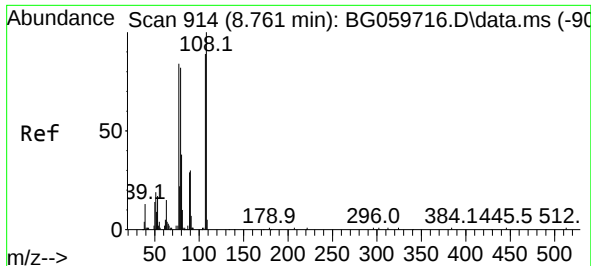
Tgt Ion: 79 Resp: 183278
Ion Ratio Lower Upper
79 100
108 51.3 45.4 68.2
77 66.9 59.4 89.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.180 ng
RT: 8.825 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 45 Resp: 35323
Ion Ratio Lower Upper
45 100
77 40.2 63.6 103.6#
79 32.0 19.6 59.6

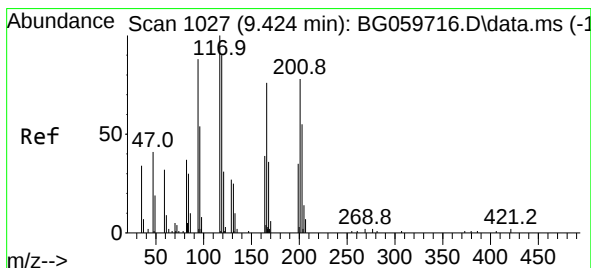
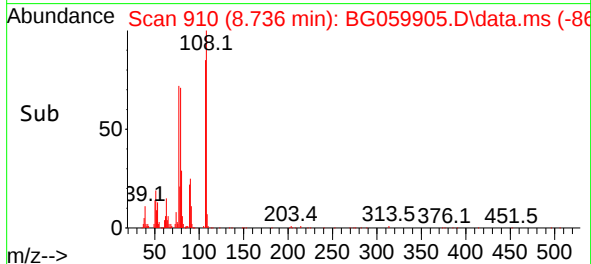
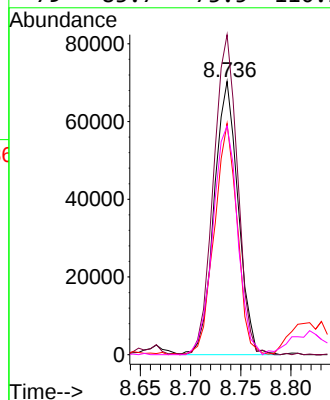
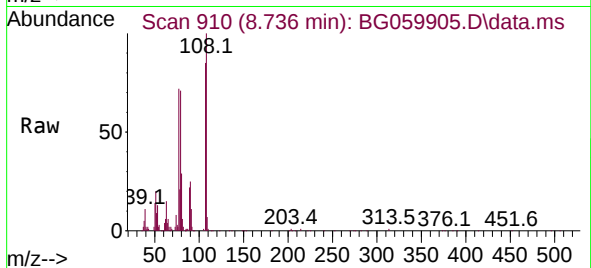




#17
2-Methylphenol
Concen: 45.568 ng
RT: 8.736 min Scan# 914
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

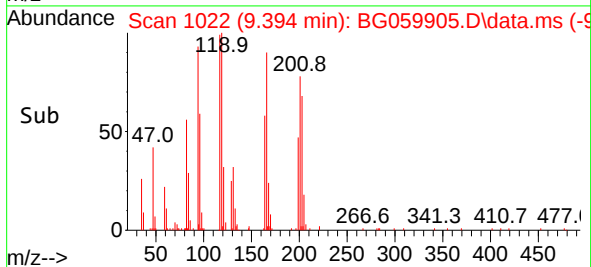
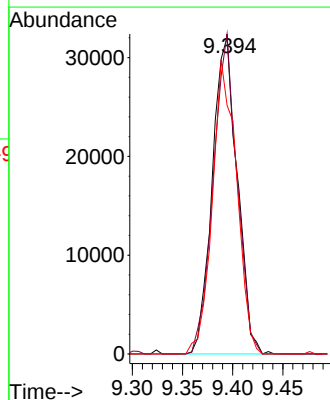
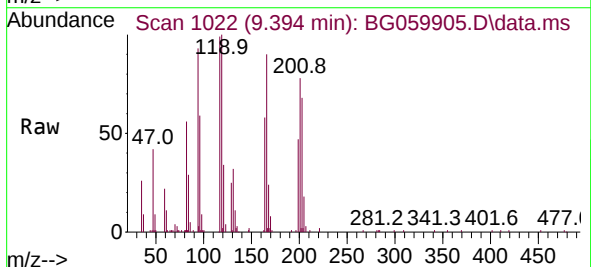
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

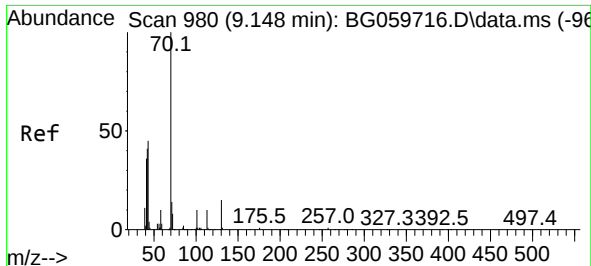
Tgt Ion:	107	Resp:	117167
Ion	Ratio	Lower	Upper
107	100		
108	117.1	90.0	135.0
77	84.6	76.5	114.7
79	83.7	73.5	110.3



#18
Hexachloroethane
Concen: 47.270 ng
RT: 9.394 min Scan# 1022
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:	117	Resp:	55492
Ion	Ratio	Lower	Upper
117	100		
119	101.0	71.8	107.8
201	78.5	62.2	93.4

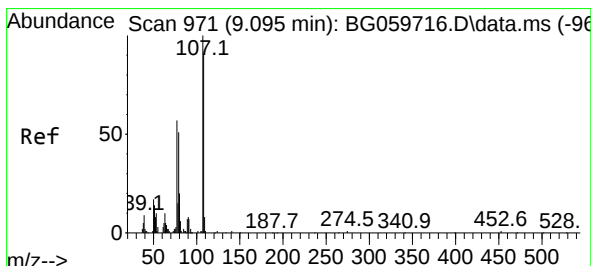
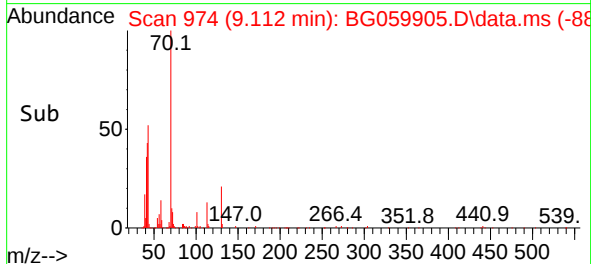
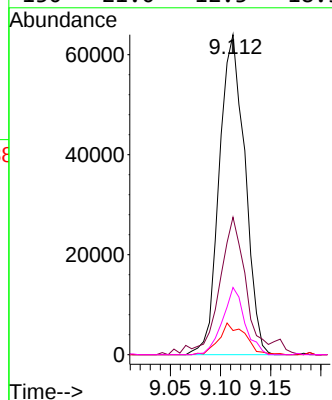
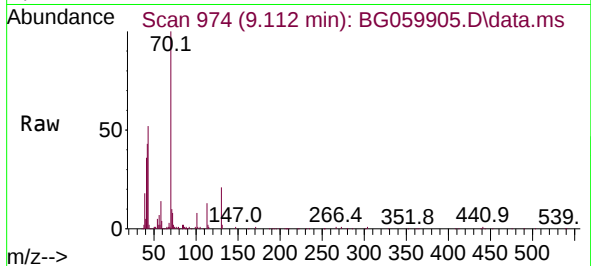




#19
n-Nitroso-di-n-propylamine
Concen: 42.521 ng
RT: 9.112 min Scan# 911
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

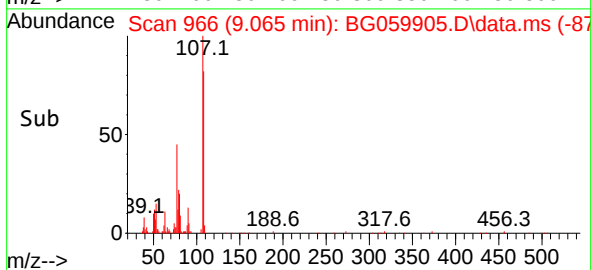
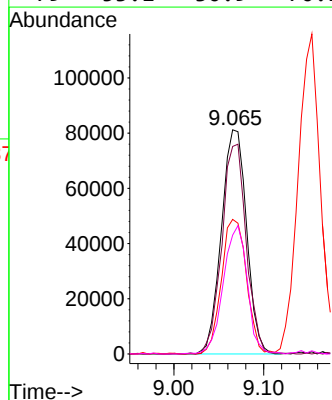
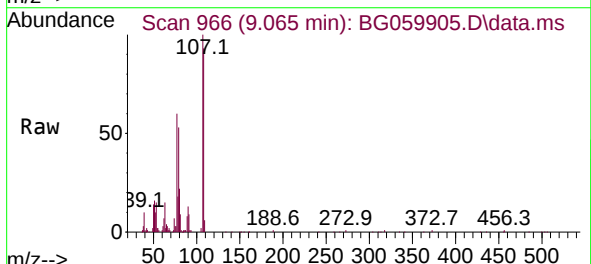
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

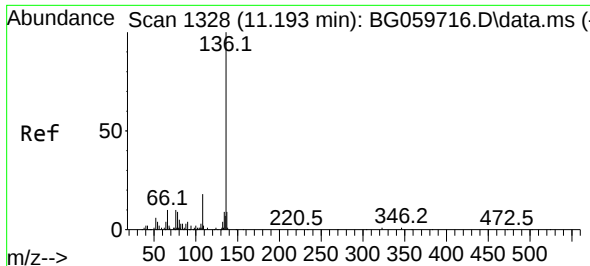
Tgt Ion: 70 Resp: 113418
Ion Ratio Lower Upper
70 100
42 43.0 32.8 49.2
101 7.5 7.7 11.5#
130 21.0 12.3 18.5#



#20
3+4-Methylphenols
Concen: 44.263 ng
RT: 9.065 min Scan# 966
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 107 Resp: 158001
Ion Ratio Lower Upper
107 100
108 92.6 71.1 111.1
77 60.1 37.5 77.5
79 53.1 30.9 70.9

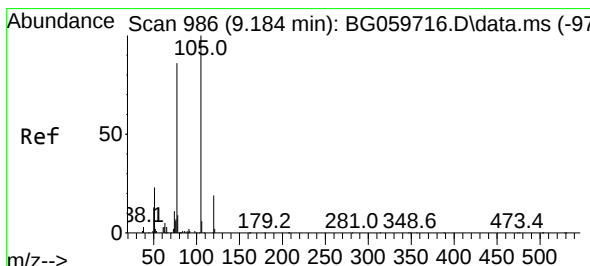
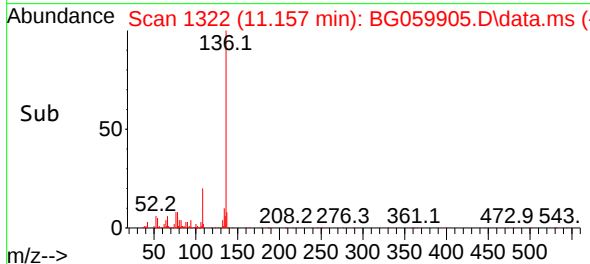
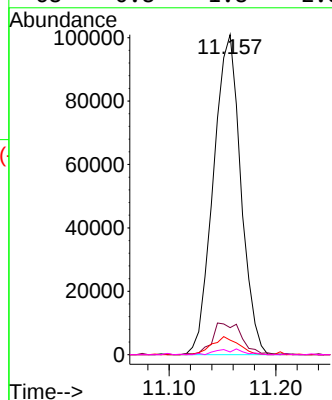
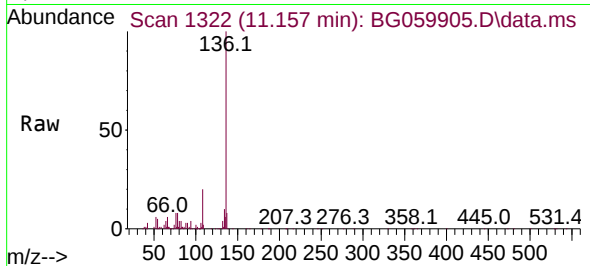




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

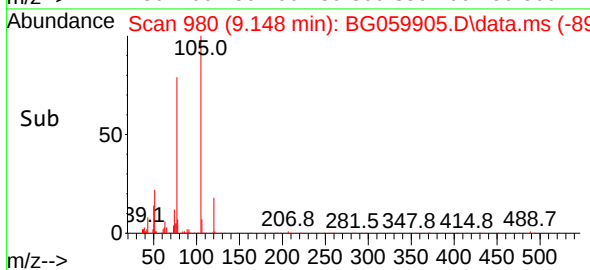
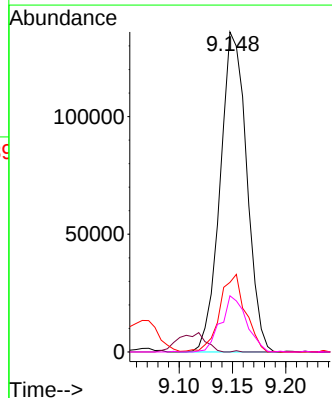
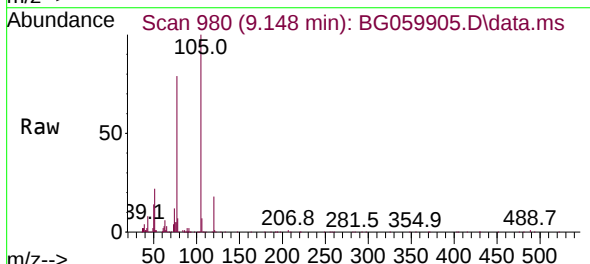
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

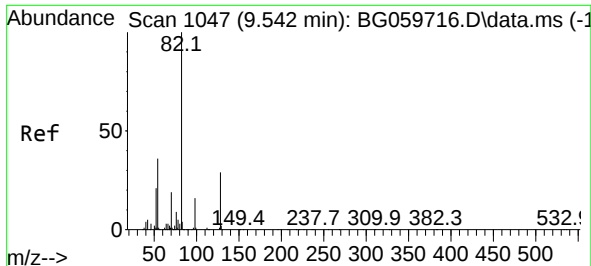
Tgt Ion:136 Resp: 179957
Ion Ratio Lower Upper
136 100
137 8.5 7.4 11.0
54 4.5 3.1 4.7
68 0.8 1.8 2.8#



#22
Acetophenone
Concen: 46.132 ng
RT: 9.148 min Scan# 980
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:105 Resp: 235036
Ion Ratio Lower Upper
105 100
71 0.0 0.0 0.0
51 21.8 18.4 27.6
120 17.6 15.0 22.6





#23

Nitrobenzene-d5

Concen: 72.688 ng

RT: 9.512 min Scan# 1042

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

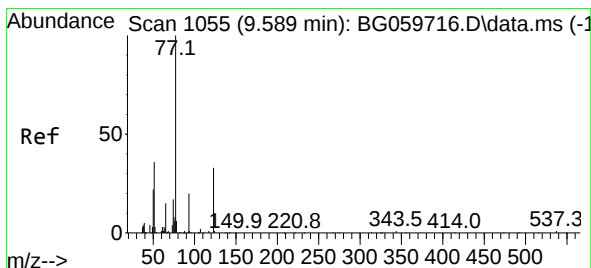
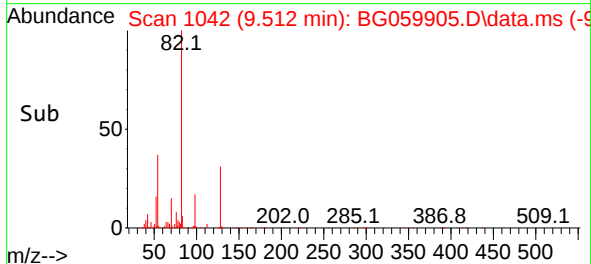
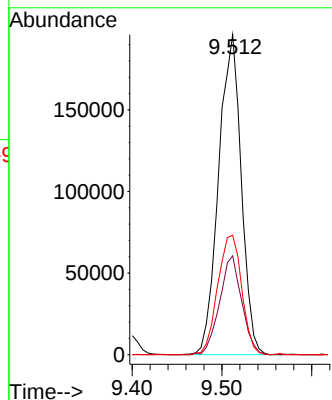
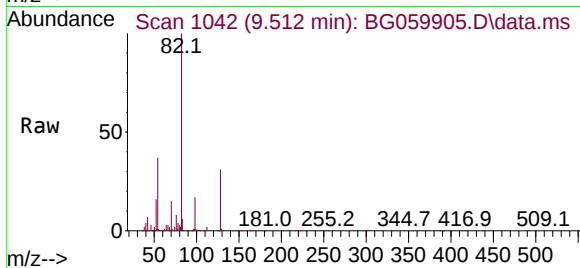
Tgt Ion: 82 Resp: 342498

Ion Ratio Lower Upper

82 100

128 30.9 23.0 34.6

54 37.3 28.7 43.1



#24

Nitrobenzene

Concen: 44.314 ng

RT: 9.553 min Scan# 1049

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

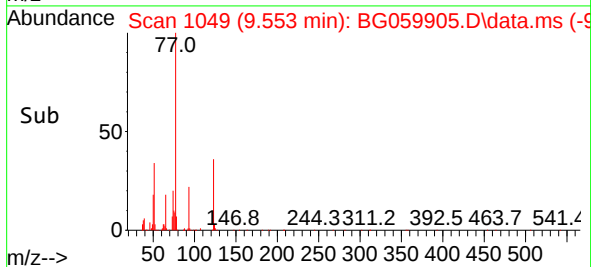
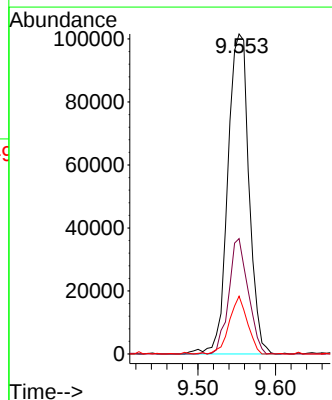
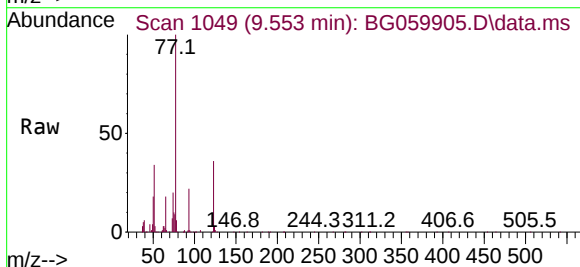
Tgt Ion: 77 Resp: 192307

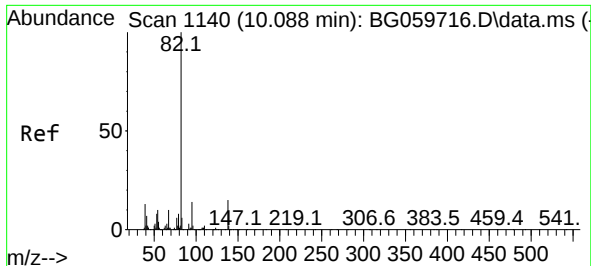
Ion Ratio Lower Upper

77 100

123 36.0 26.1 39.1

65 18.0 12.1 18.1

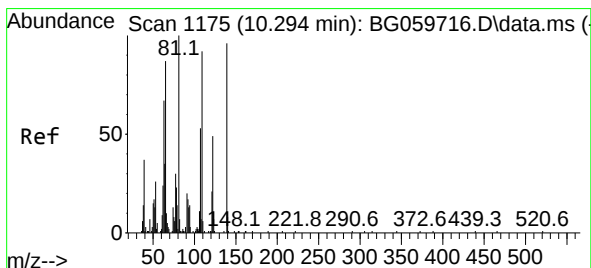
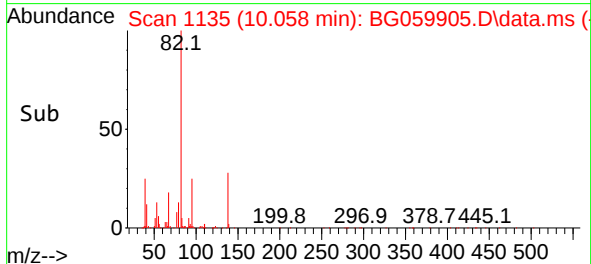
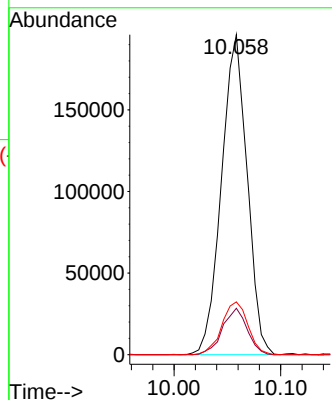
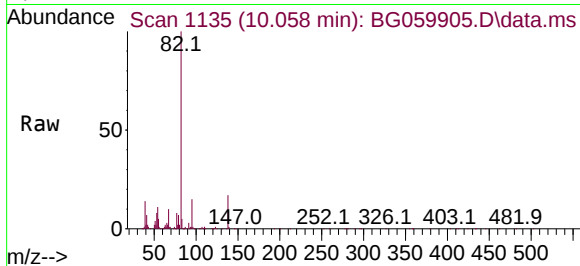




#25
Isophorone
Concen: 41.414 ng
RT: 10.058 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

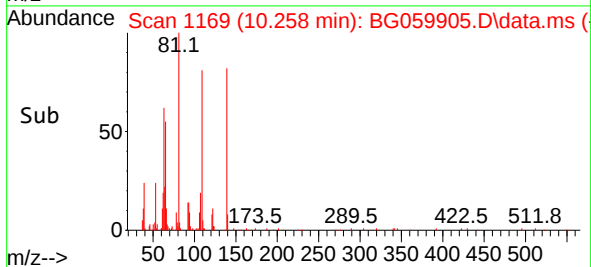
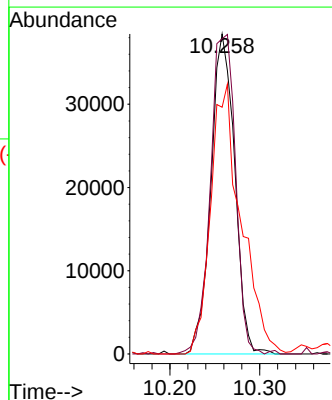
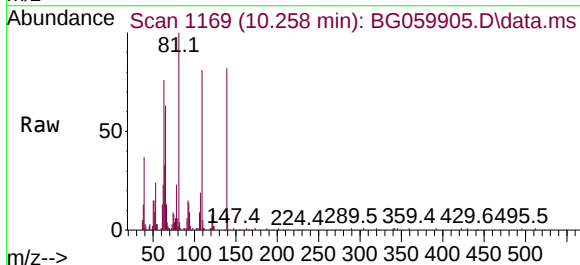
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

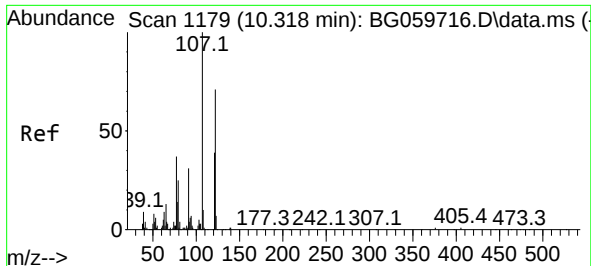
Tgt Ion: 82 Resp: 327606
Ion Ratio Lower Upper
82 100
95 14.5 11.4 17.0
138 16.5 12.1 18.1



#26
2-Nitrophenol
Concen: 44.403 ng
RT: 10.258 min Scan# 1169
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:139 Resp: 70645
Ion Ratio Lower Upper
139 100
109 98.5 76.7 115.1
65 77.1 72.1 108.1

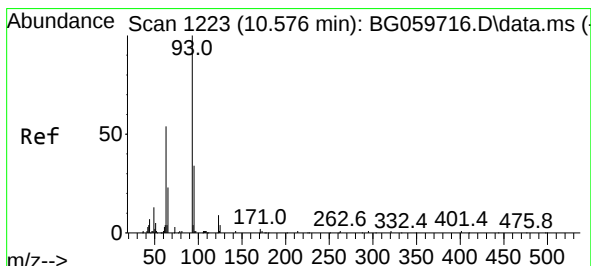
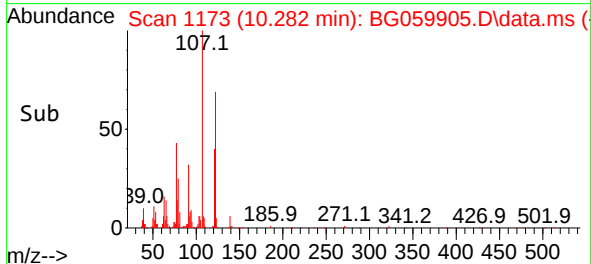
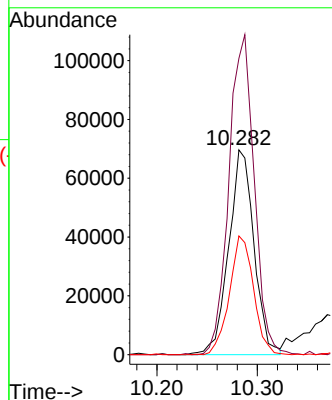
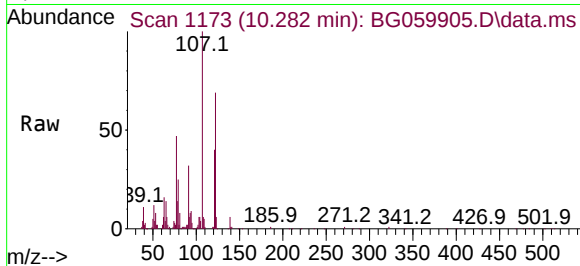




#27
2,4-Dimethylphenol
Concen: 37.772 ng
RT: 10.282 min Scan# 1173
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

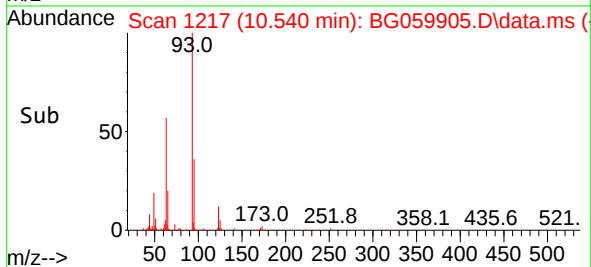
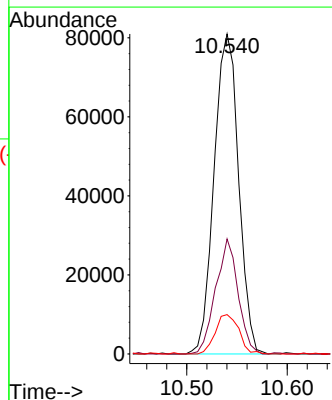
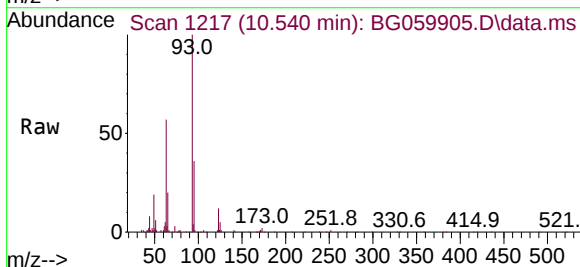
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

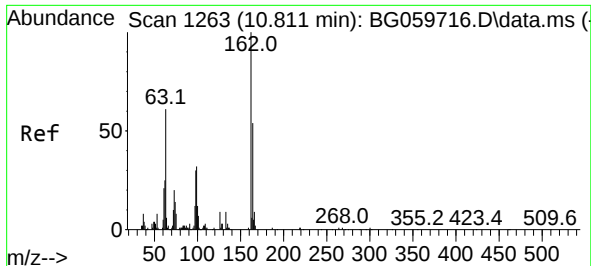
Tgt Ion:122 Resp: 122186
Ion Ratio Lower Upper
122 100
107 144.7 112.1 168.1
121 58.0 43.2 64.8



#28
bis(2-Chloroethoxy)methane
Concen: 46.213 ng
RT: 10.540 min Scan# 1217
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion: 93 Resp: 137375
Ion Ratio Lower Upper
93 100
95 35.9 27.0 40.6
123 12.3 7.6 11.4#





#29

2,4-Dichlorophenol

Concen: 51.096 ng

RT: 10.787 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

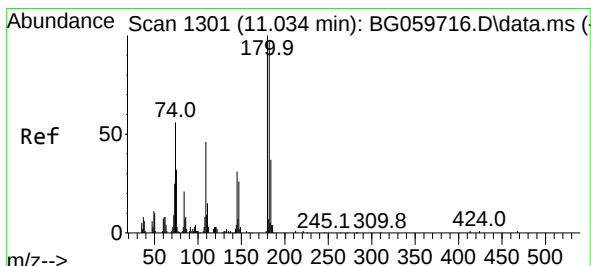
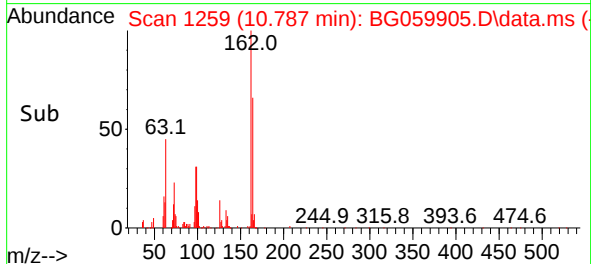
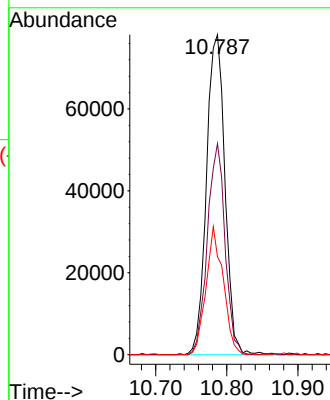
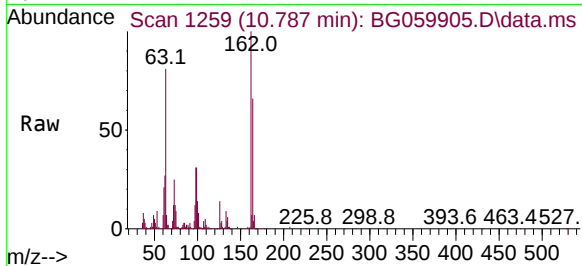
Tgt Ion:162 Resp: 141119

Ion Ratio Lower Upper

162 100

164 65.9 33.6 73.6

98 30.6 10.7 50.7



#30

1,2,4-Trichlorobenzene

Concen: 50.727 ng

RT: 11.004 min Scan# 1296

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

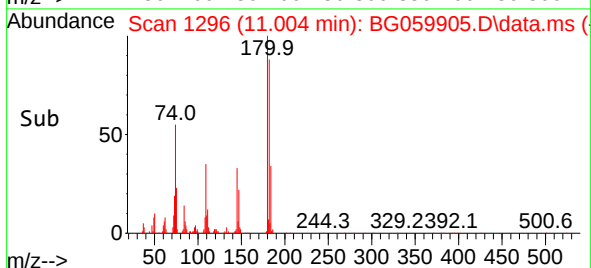
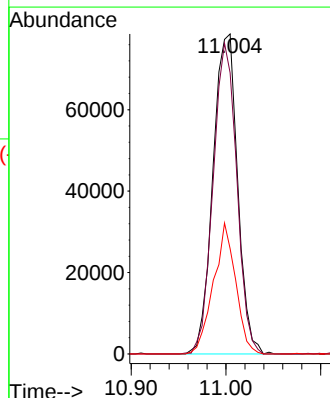
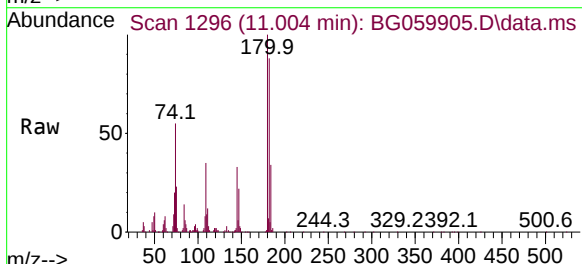
Tgt Ion:180 Resp: 141591

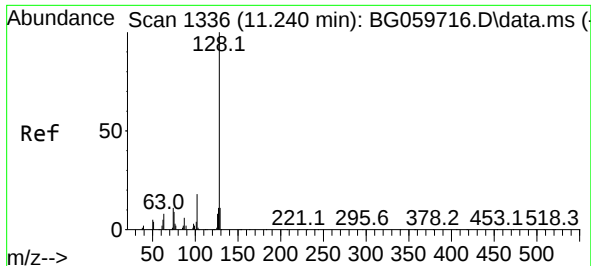
Ion Ratio Lower Upper

180 100

182 87.8 77.4 116.2

145 32.9 24.4 36.6

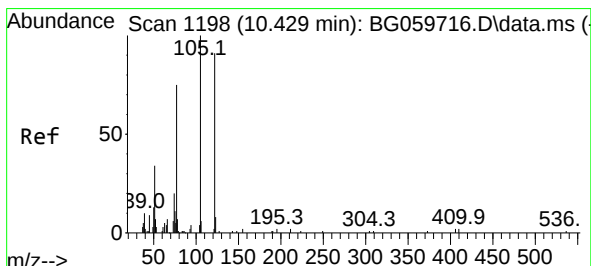
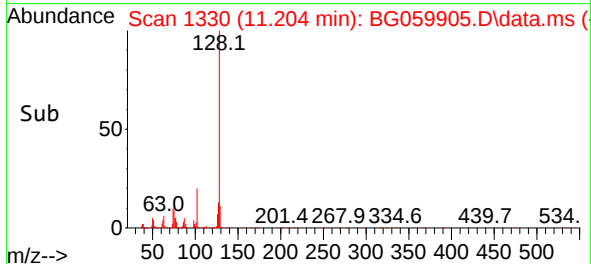
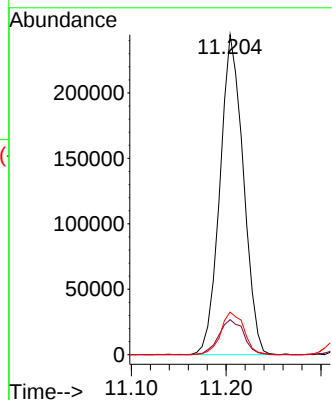
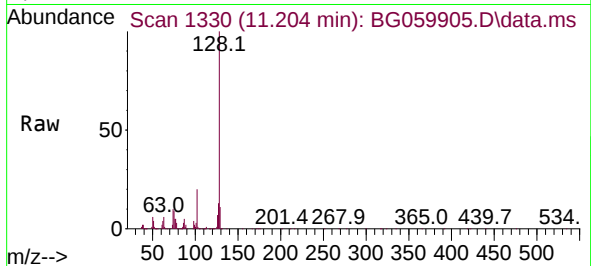




#31
Naphthalene
Concen: 46.365 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

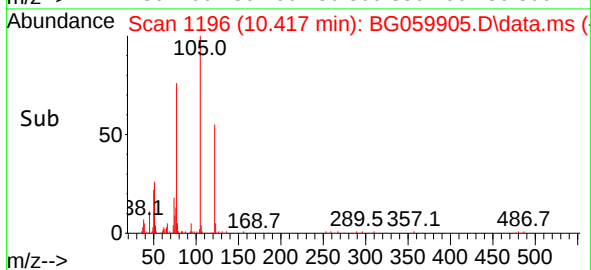
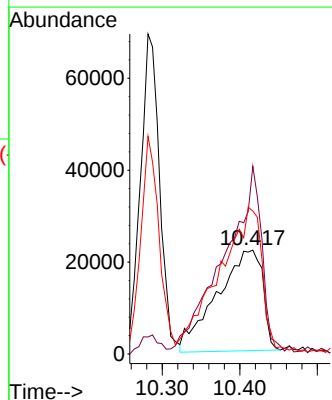
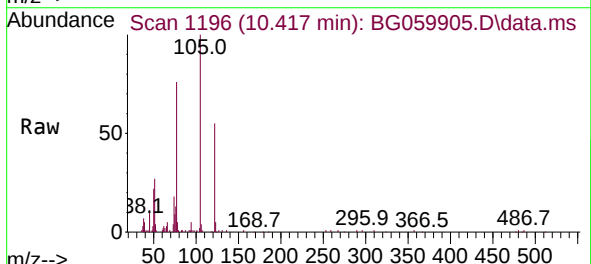
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

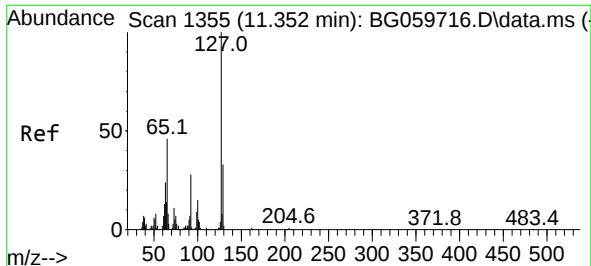
Tgt Ion:128 Resp: 419553
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 9.2 13.8



#32
Benzoic acid
Concen: 40.757 ng
RT: 10.417 min Scan# 1196
Delta R.T. 0.014 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:122 Resp: 89727
Ion Ratio Lower Upper
122 100
105 180.7 103.7 143.7#
77 137.6 82.3 122.3#

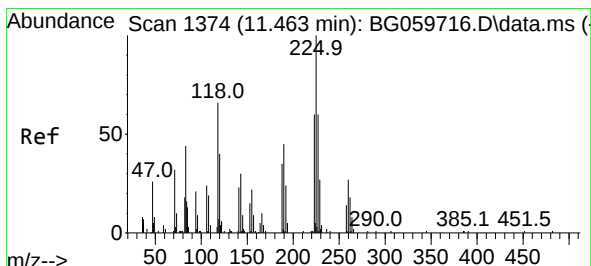
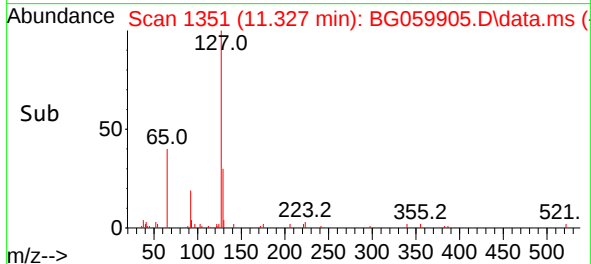
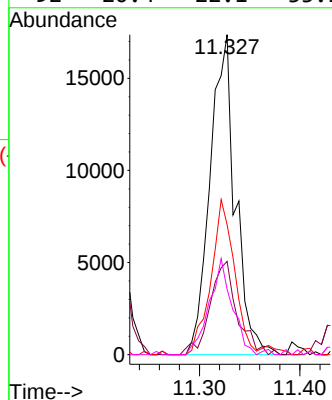
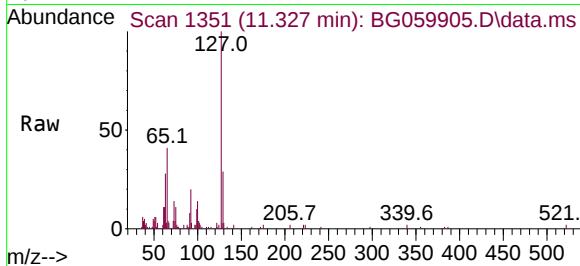




#33
4-Chloroaniline
Concen: 7.900 ng
RT: 11.327 min Scan# 1135
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

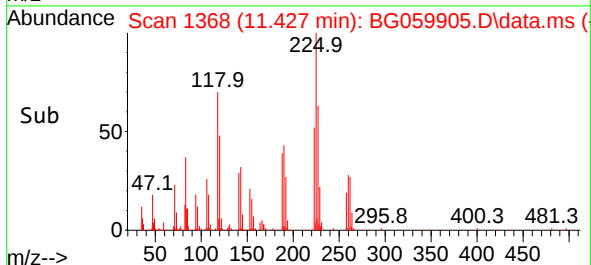
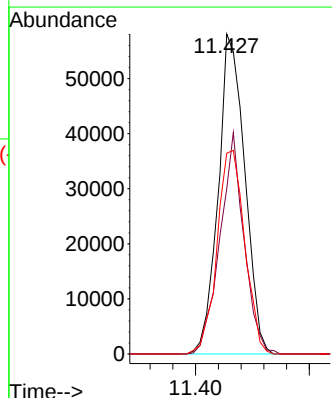
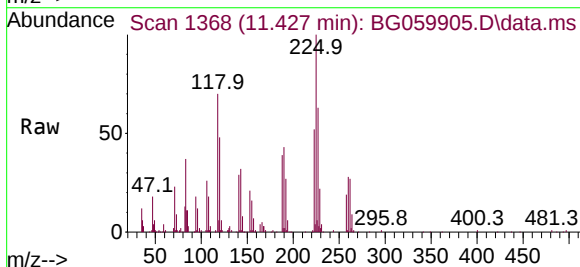
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

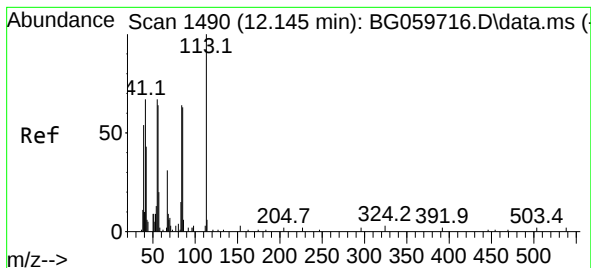
Tgt Ion:	127	Resp:	30407
Ion Ratio	Lower	Upper	
127	100		
129	29.1	26.8	40.2
65	40.6	36.5	54.7
92	20.4	22.1	33.1



#34
Hexachlorobutadiene
Concen: 49.544 ng
RT: 11.427 min Scan# 1368
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:	225	Resp:	94116
Ion Ratio	Lower	Upper	
225	100		
223	51.7	46.6	69.8
227	62.8	48.2	72.2





#35

Caprolactam

Concen: 26.603 ng

RT: 12.115 min Scan# 1485

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

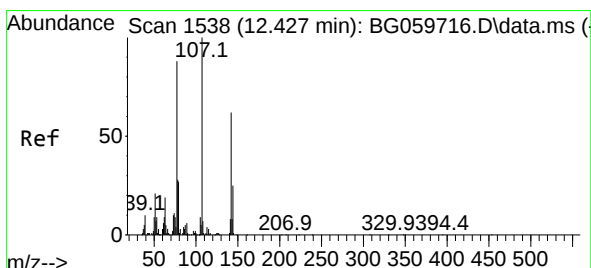
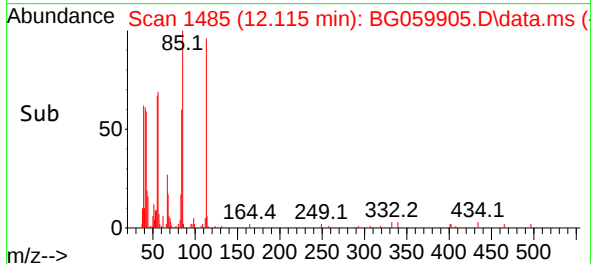
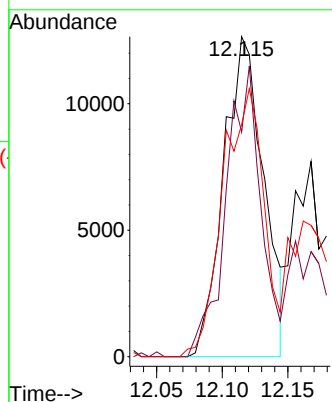
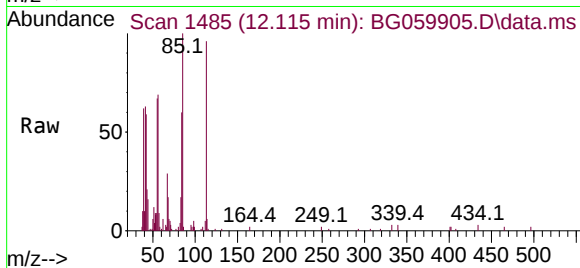
Tgt Ion:113 Resp: 26852

Ion Ratio Lower Upper

113 100

55 70.2 47.1 87.1

56 72.5 43.7 83.7



#36

4-Chloro-3-methylphenol

Concen: 49.187 ng

RT: 12.403 min Scan# 1534

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

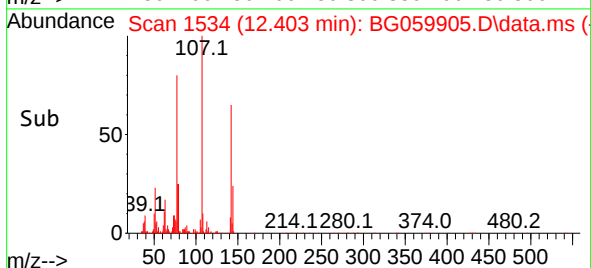
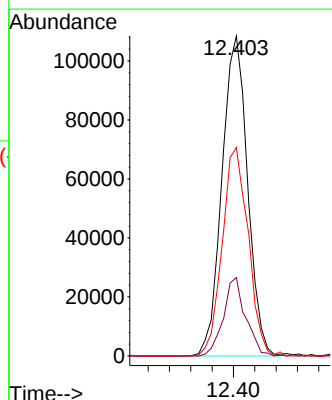
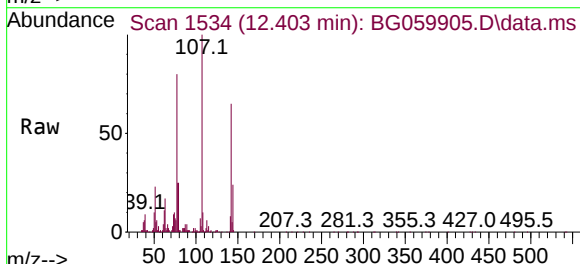
Tgt Ion:107 Resp: 180665

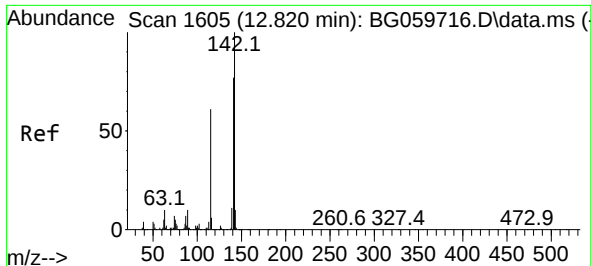
Ion Ratio Lower Upper

107 100

144 24.5 20.2 30.4

142 65.2 49.4 74.0





#37

2-Methylnaphthalene

Concen: 43.280 ng

RT: 12.785 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

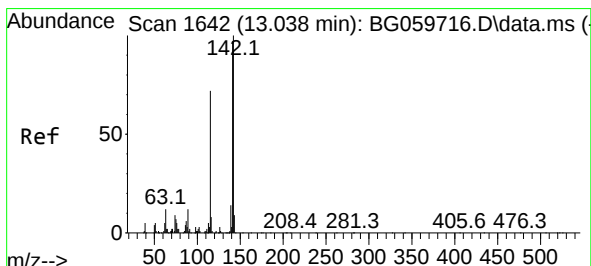
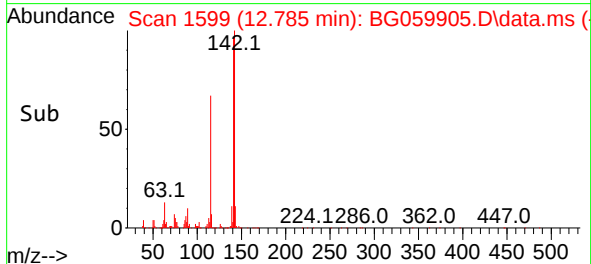
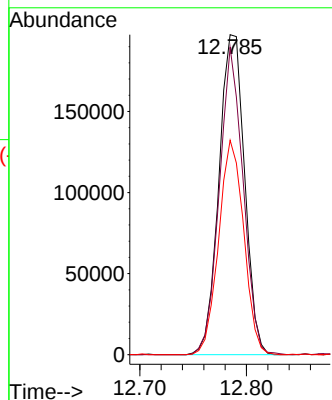
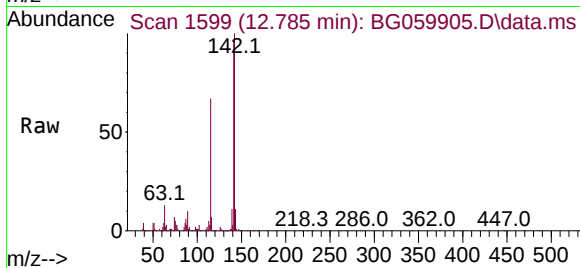
Tgt Ion:142 Resp: 329850

Ion Ratio Lower Upper

142 100

141 96.1 61.9 92.9#

115 67.0 49.0 73.4



#38

1-Methylnaphthalene

Concen: 44.895 ng

RT: 13.002 min Scan# 1636

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

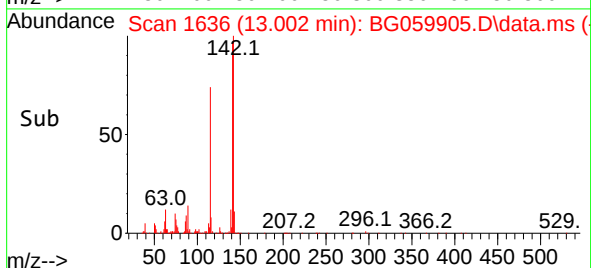
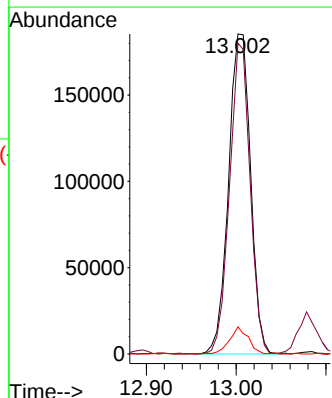
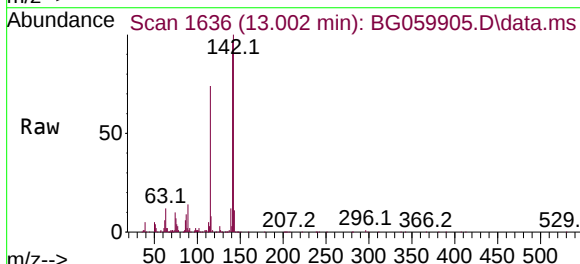
Tgt Ion:142 Resp: 315536

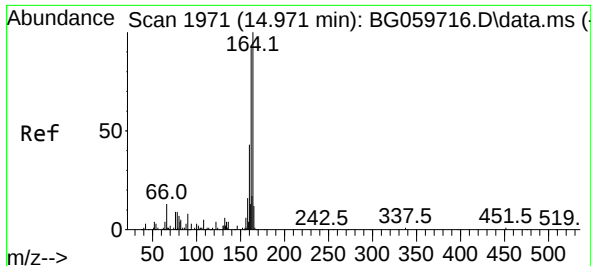
Ion Ratio Lower Upper

142 100

141 97.2 77.8 116.8

116 8.5 6.2 9.2

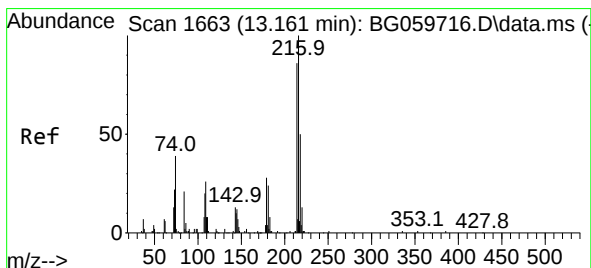
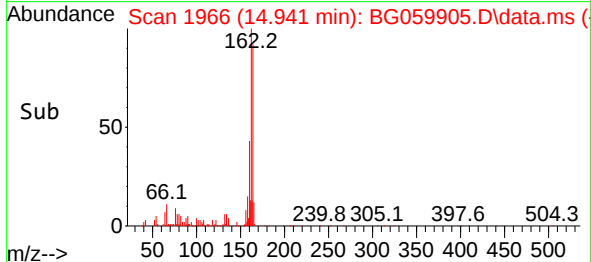
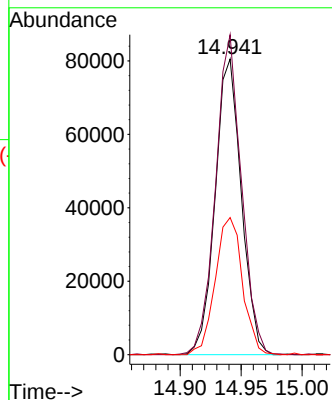
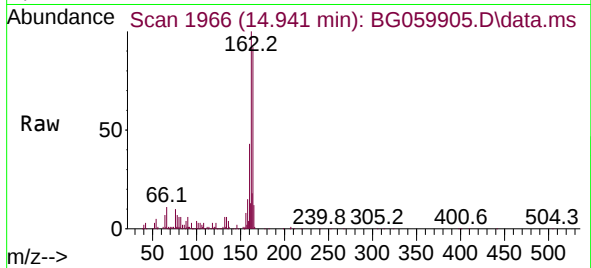




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.941 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

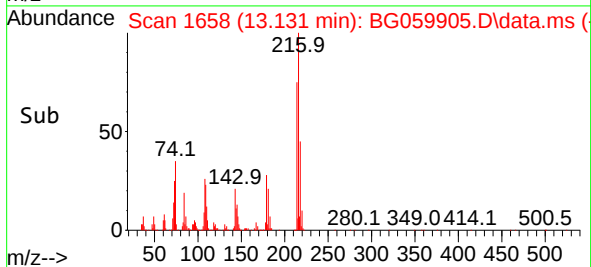
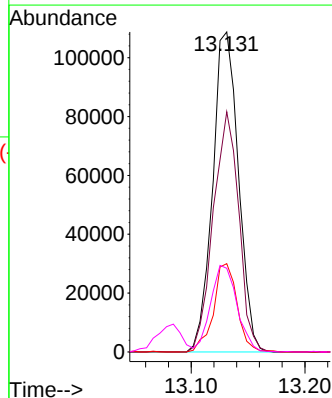
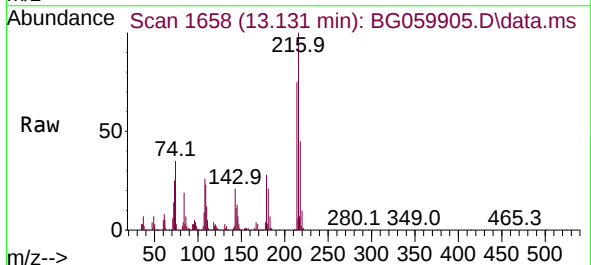
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

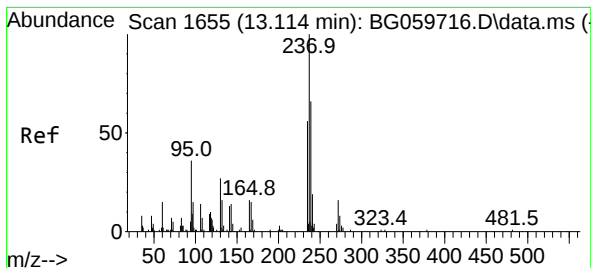
Tgt Ion:164 Resp: 120195
Ion Ratio Lower Upper
164 100
162 108.2 73.3 109.9
160 46.3 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.804 ng
RT: 13.131 min Scan# 1658
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:216 Resp: 171404
Ion Ratio Lower Upper
216 100
214 74.2 61.0 91.4
179 25.3 20.2 30.2
108 27.7 22.2 33.2





#41

Hexachlorocyclopentadiene

Concen: 104.646 ng

RT: 13.084 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

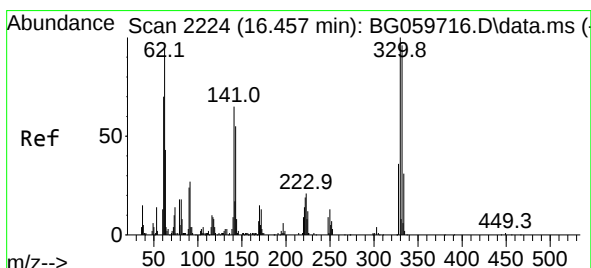
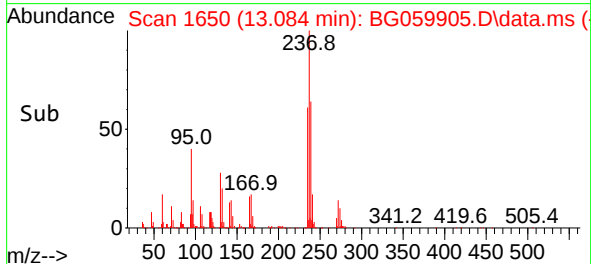
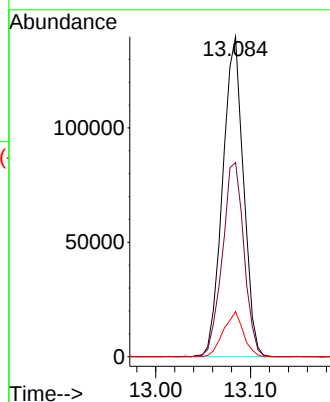
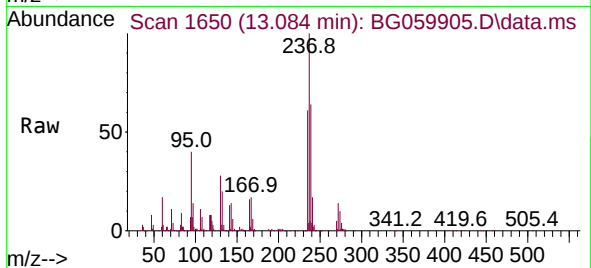
Tgt Ion:237 Resp: 213078

Ion Ratio Lower Upper

237 100

235 60.7 36.0 76.0

272 14.1 0.0 36.5



#42

2,4,6-Tribromophenol

Concen: 132.752 ng

RT: 16.427 min Scan# 2219

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

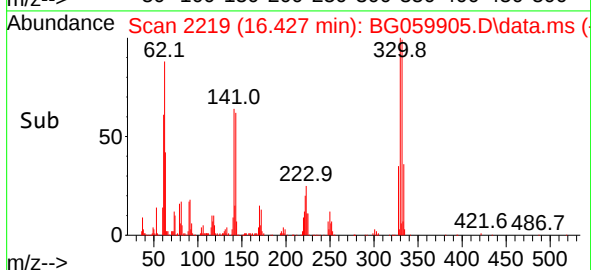
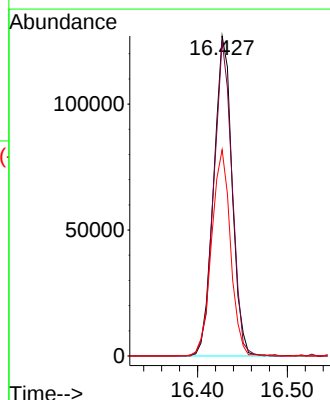
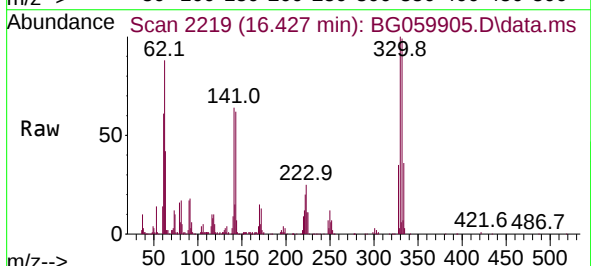
Tgt Ion:330 Resp: 181042

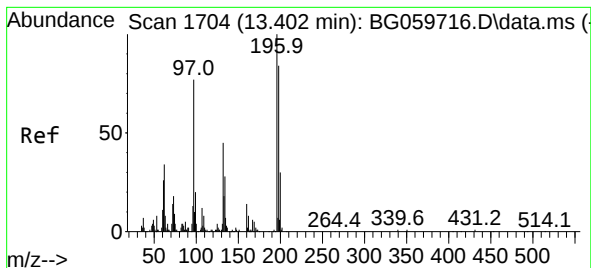
Ion Ratio Lower Upper

330 100

332 97.4 73.3 109.9

141 66.1 52.1 78.1





#43

2,4,6-Trichlorophenol

Concen: 51.794 ng

RT: 13.372 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

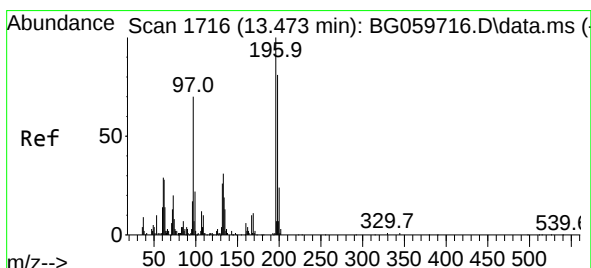
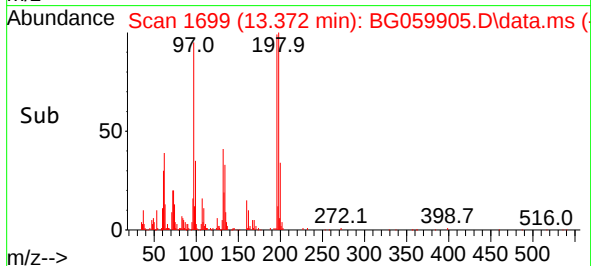
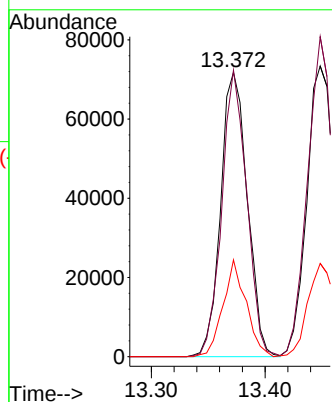
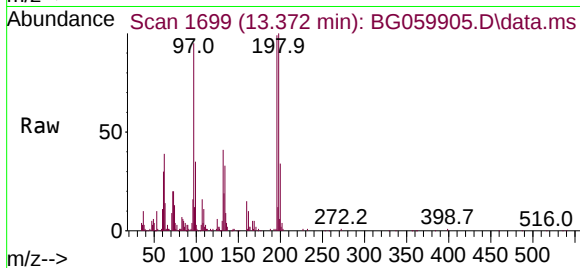
Tgt Ion:196 Resp: 116913

Ion Ratio Lower Upper

196 100

198 100.8 67.6 101.4

200 34.0 24.4 36.6



#44

2,4,5-Trichlorophenol

Concen: 46.174 ng

RT: 13.448 min Scan# 1712

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Tgt Ion:196 Resp: 122466

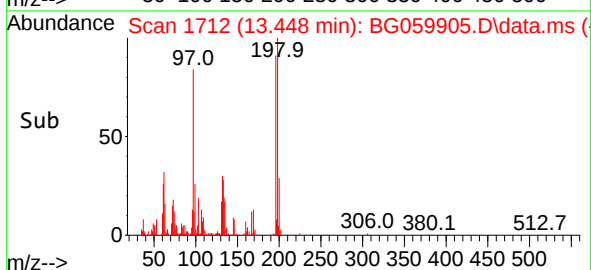
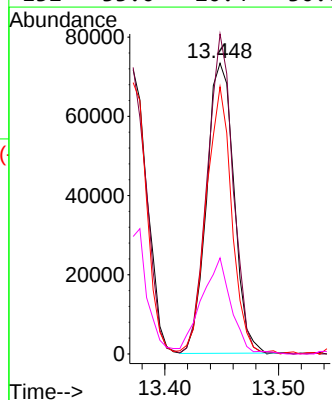
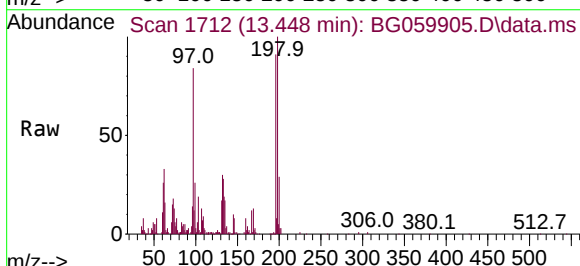
Ion Ratio Lower Upper

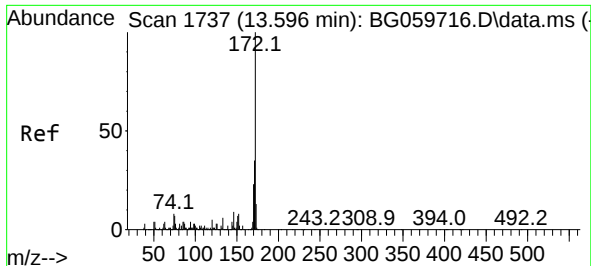
196 100

198 110.1 66.7 100.1#

97 91.9 55.9 83.9#

132 33.0 20.4 30.6#

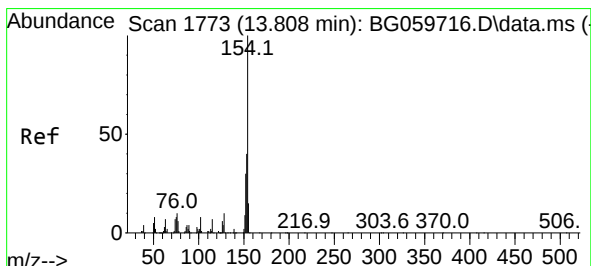
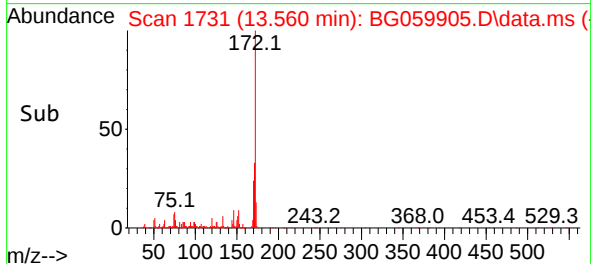
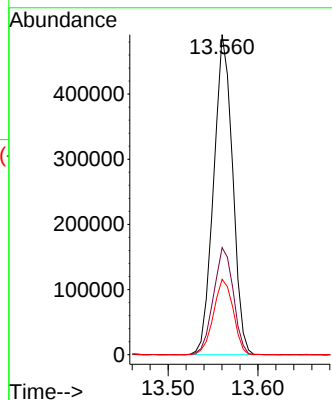
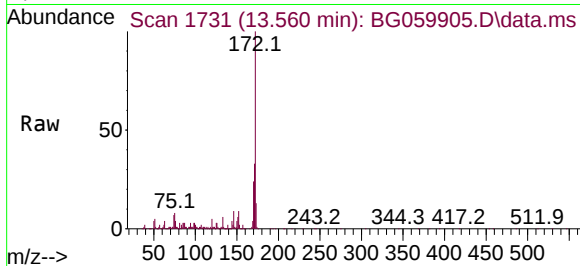




#45
2-Fluorobiphenyl
Concen: 80.688 ng
RT: 13.560 min Scan# 1731
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

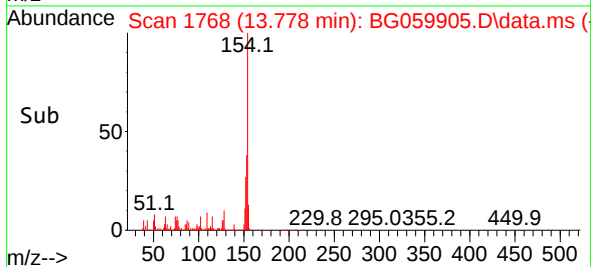
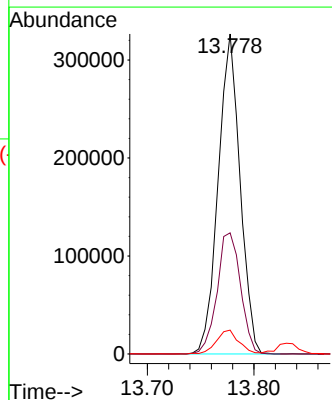
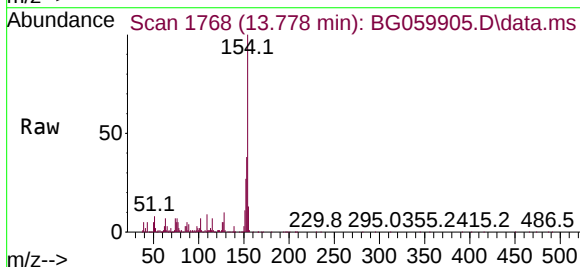
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

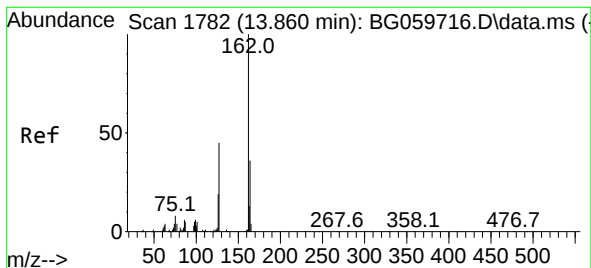
Tgt Ion:172 Resp: 720502
Ion Ratio Lower Upper
172 100
171 33.5 27.7 41.5
170 23.5 18.4 27.6



#46
1,1'-Biphenyl
Concen: 49.137 ng
RT: 13.778 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:154 Resp: 463571
Ion Ratio Lower Upper
154 100
153 37.9 19.7 59.7
76 7.4 0.0 30.4





#47

2-Chloronaphthalene

Concen: 51.532 ng

RT: 13.830 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

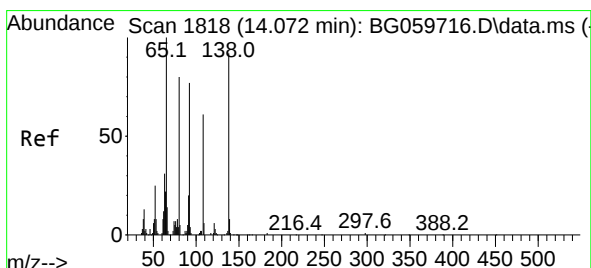
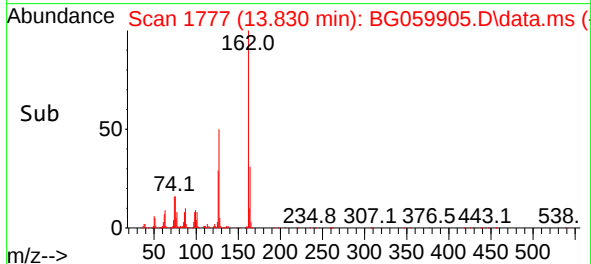
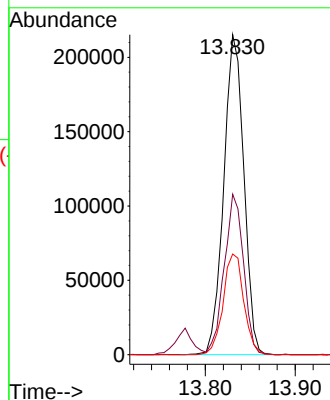
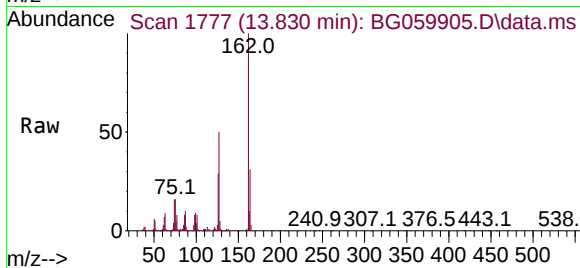
Tgt Ion:162 Resp: 334060

Ion Ratio Lower Upper

162 100

127 50.2 41.0 61.6

164 31.4 28.9 43.3



#48

2-Nitroaniline

Concen: 49.365 ng

RT: 14.048 min Scan# 1814

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

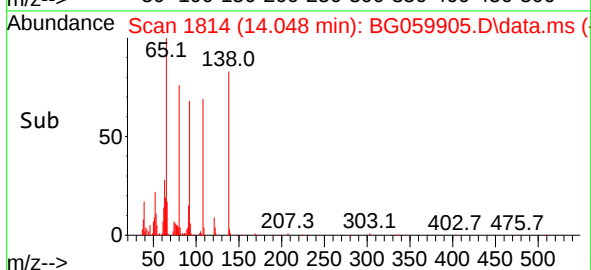
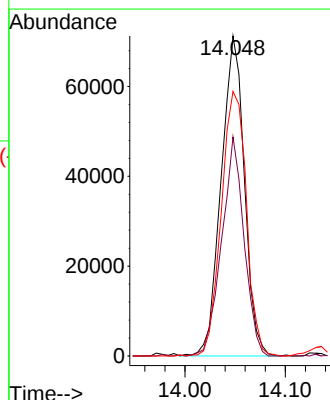
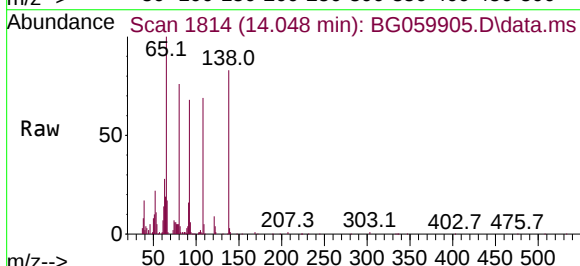
Tgt Ion: 65 Resp: 114254

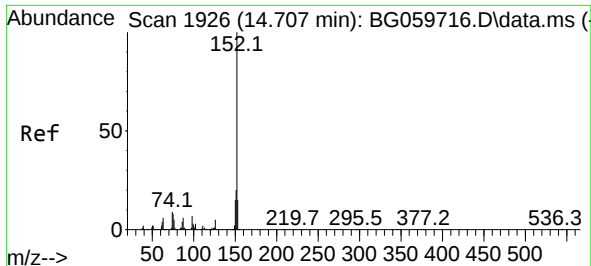
Ion Ratio Lower Upper

65 100

92 68.5 61.2 91.8

138 82.6 73.8 110.6

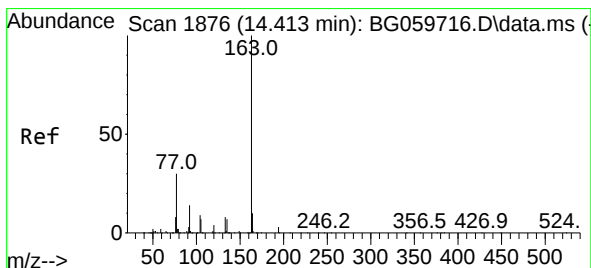
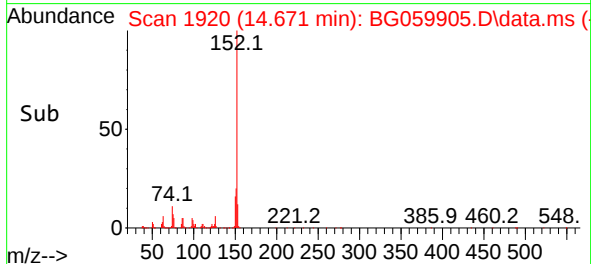
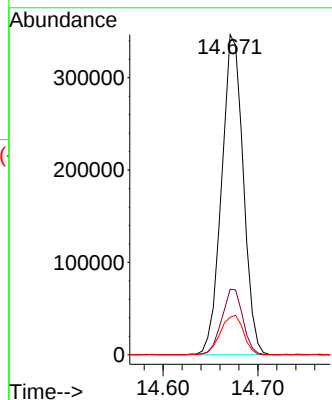
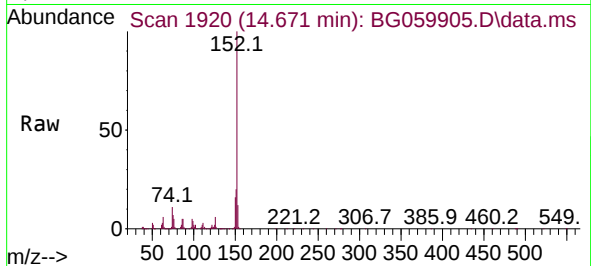




#49
Acenaphthylene
Concen: 49.762 ng
RT: 14.671 min Scan# 1926
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

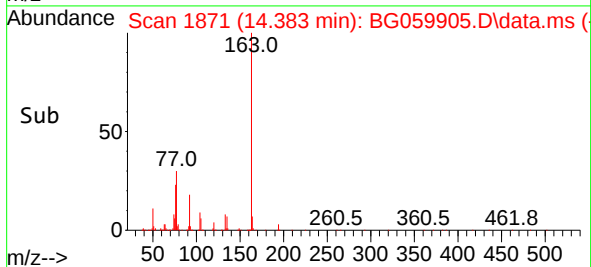
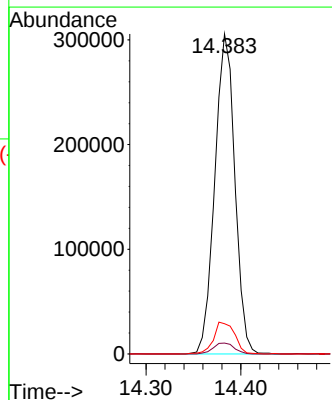
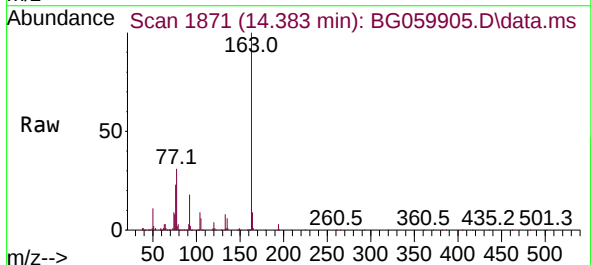
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

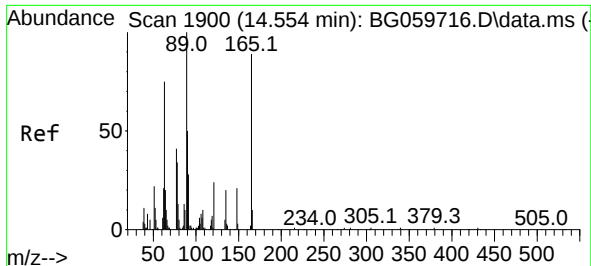
Tgt Ion:152 Resp: 550039
Ion Ratio Lower Upper
152 100
151 20.5 15.8 23.8
153 11.7 12.2 18.4#



#50
Dimethylphthalate
Concen: 48.226 ng
RT: 14.383 min Scan# 1871
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:163 Resp: 449202
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 9.5 8.2 12.2

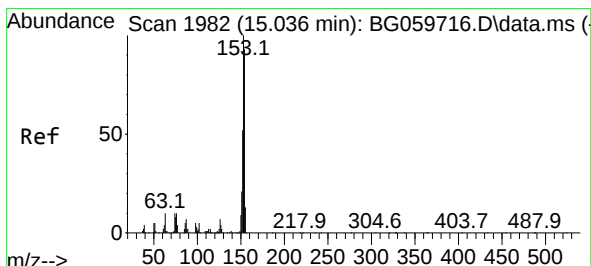
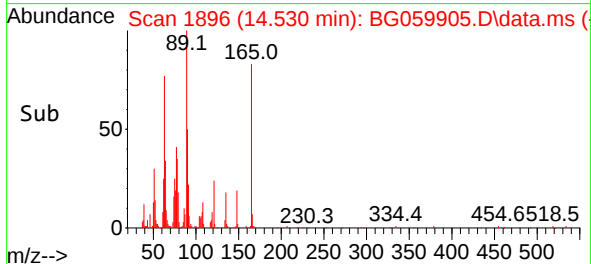
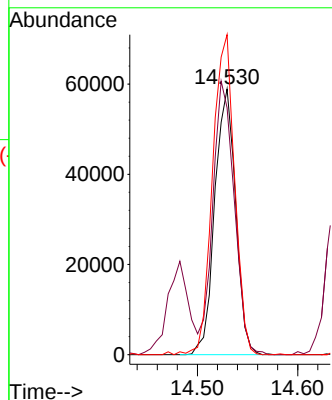
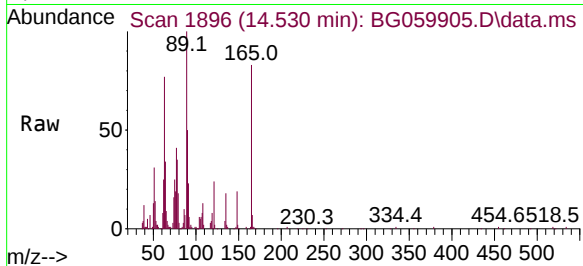




#51
2,6-Dinitrotoluene
Concen: 48.064 ng
RT: 14.530 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

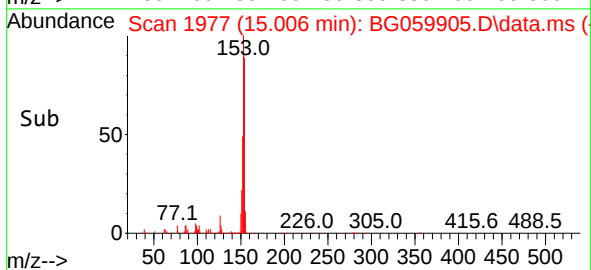
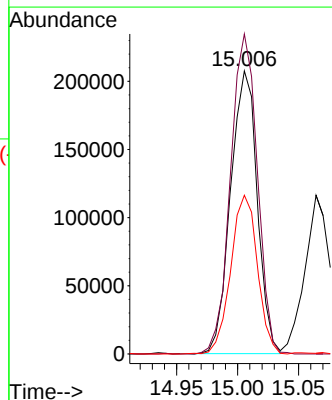
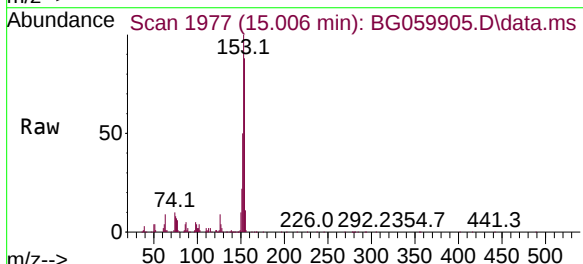
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

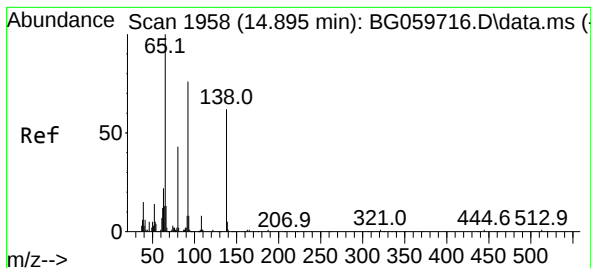
Tgt Ion:165 Resp: 84930
Ion Ratio Lower Upper
165 100
63 92.9 75.3 112.9
89 120.4 90.9 136.3



#52
Acenaphthene
Concen: 47.326 ng
RT: 15.006 min Scan# 1977
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:154 Resp: 314599
Ion Ratio Lower Upper
154 100
153 113.0 85.8 128.8
152 56.1 44.4 66.6

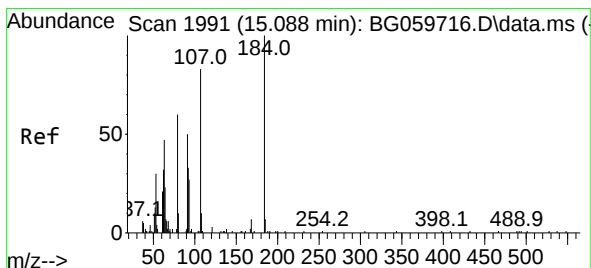
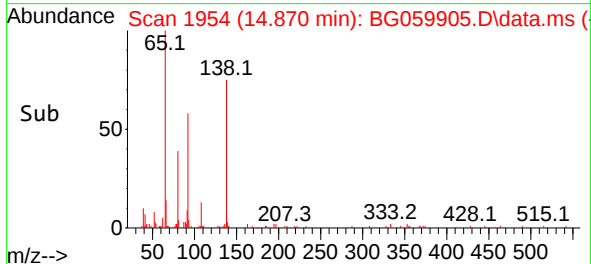
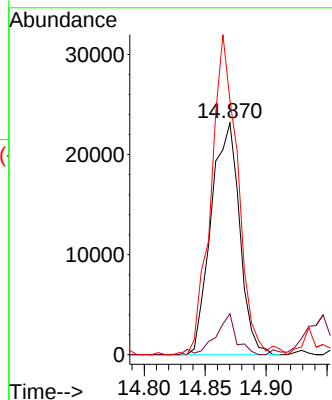
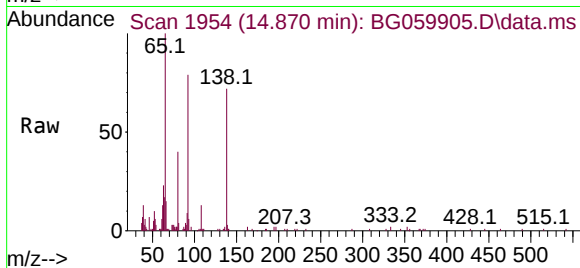




#53
3-Nitroaniline
Concen: 18.160 ng
RT: 14.870 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

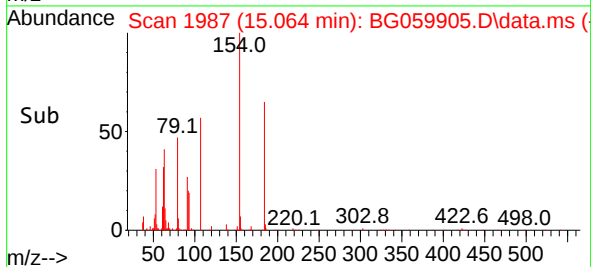
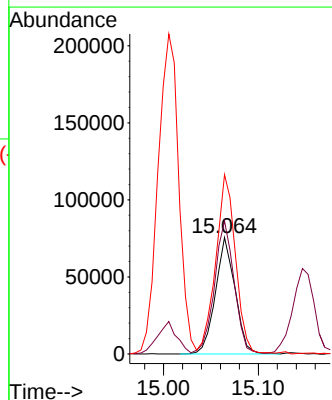
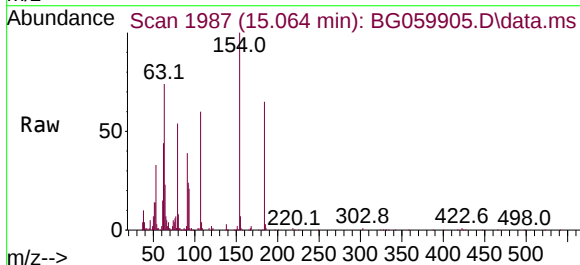
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

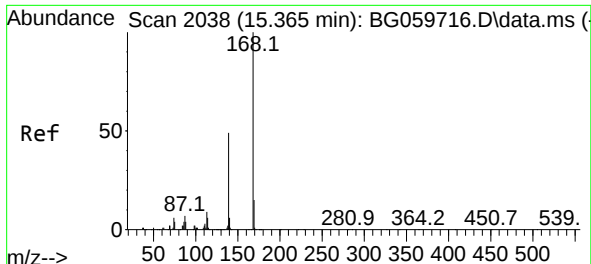
Tgt Ion:138 Resp: 37560
Ion Ratio Lower Upper
138 100
108 17.7 9.9 14.9#
92 109.7 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 83.059 ng
RT: 15.064 min Scan# 1987
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:184 Resp: 109062
Ion Ratio Lower Upper
184 100
63 114.2 58.3 87.5#
154 154.0 94.1 141.1#

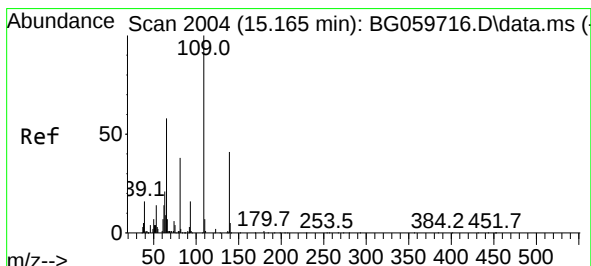
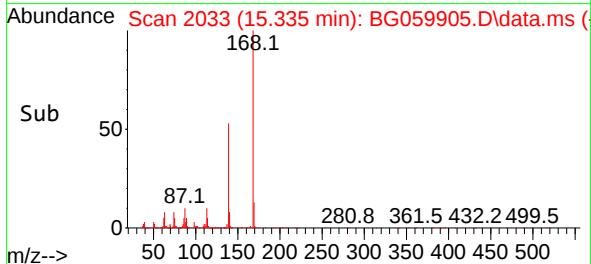
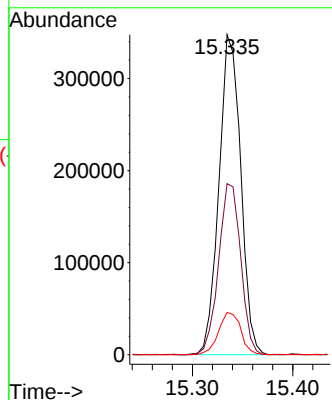
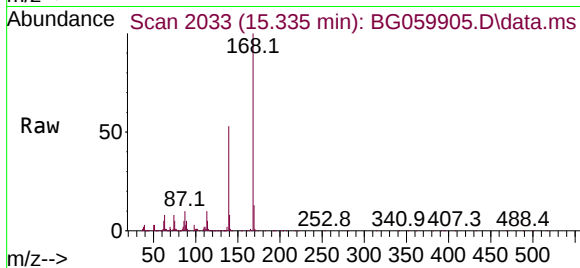




#55
Dibenzofuran
Concen: 47.697 ng
RT: 15.335 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

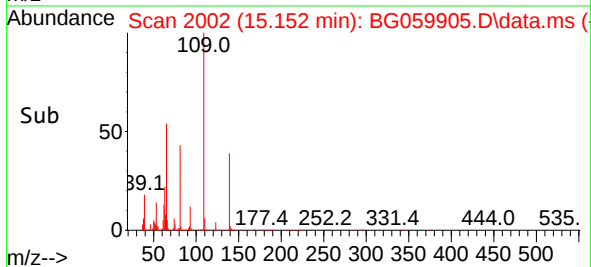
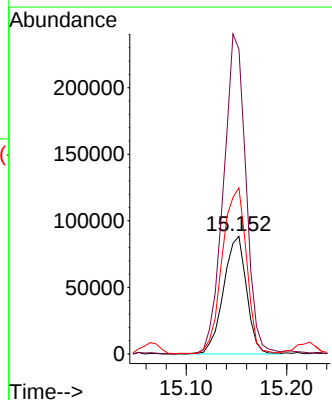
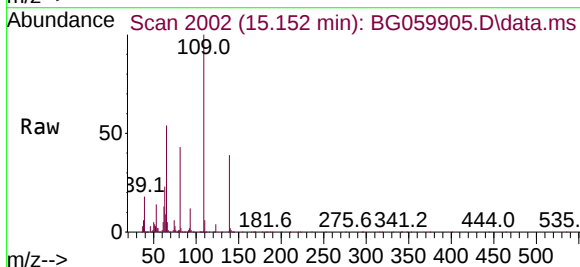
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

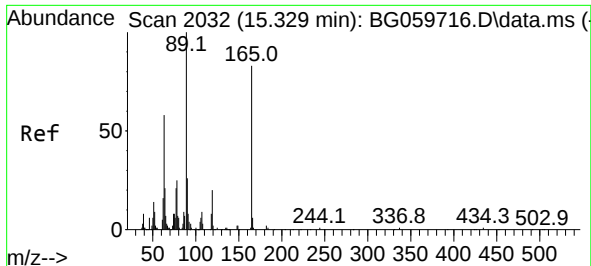
Tgt Ion:168 Resp: 522760
Ion Ratio Lower Upper
168 100
139 53.4 38.9 58.3
169 13.2 11.8 17.8



#56
4-Nitrophenol
Concen: 88.874 ng
RT: 15.152 min Scan# 2002
Delta R.T. 0.008 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:139 Resp: 140635
Ion Ratio Lower Upper
139 100
109 259.2 223.4 263.4
65 141.2 120.6 160.6





#57

2,4-Dinitrotoluene

Concen: 46.486 ng

RT: 15.305 min Scan# 2032

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

Tgt Ion:165 Resp: 126321

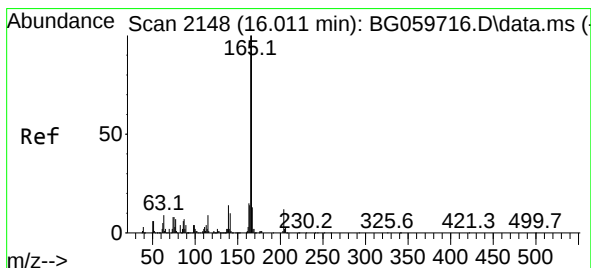
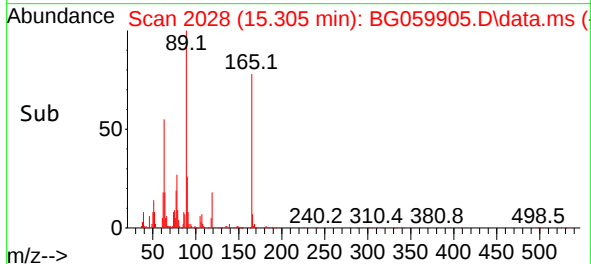
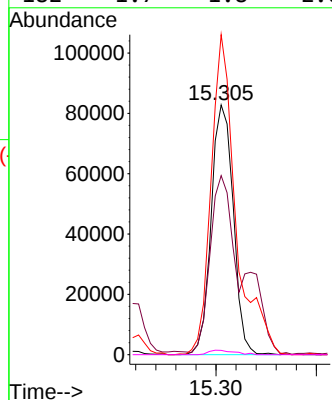
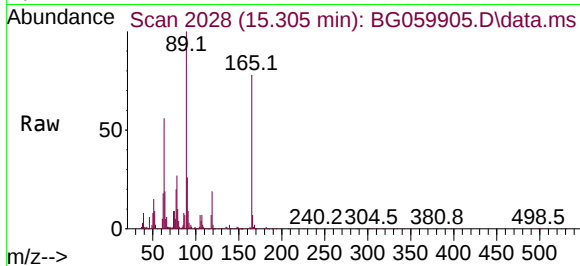
Ion Ratio Lower Upper

165 100

63 71.7 55.8 83.8

89 128.1 96.9 145.3

182 1.7 1.8 2.6#



#58

Fluorene

Concen: 47.721 ng

RT: 15.987 min Scan# 2144

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

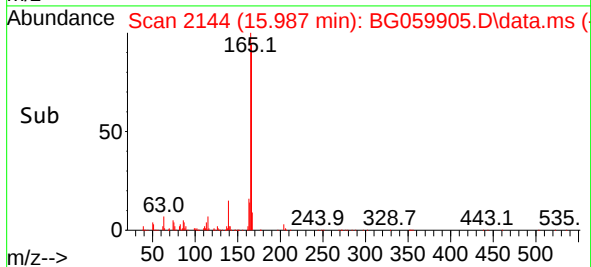
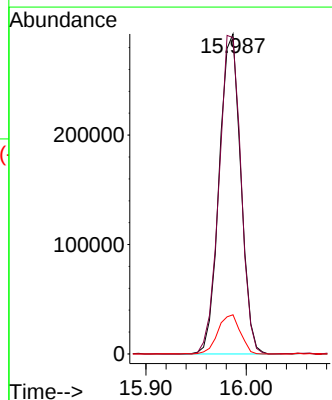
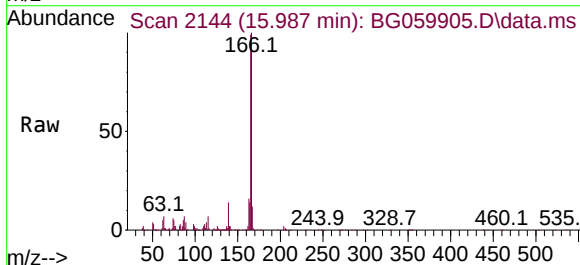
Tgt Ion:166 Resp: 434528

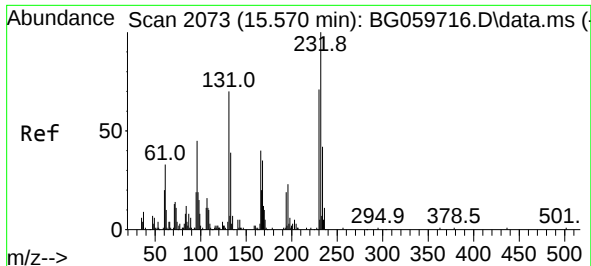
Ion Ratio Lower Upper

166 100

165 98.9 79.9 119.9

167 12.3 10.1 15.1

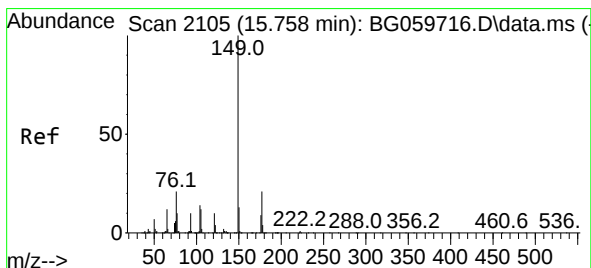
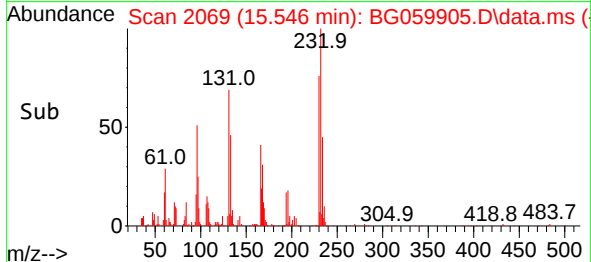
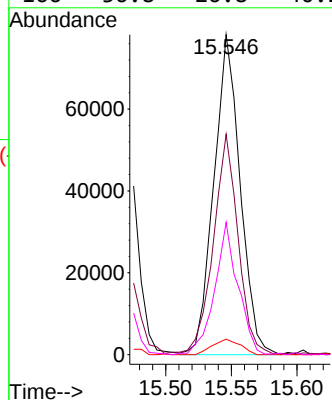
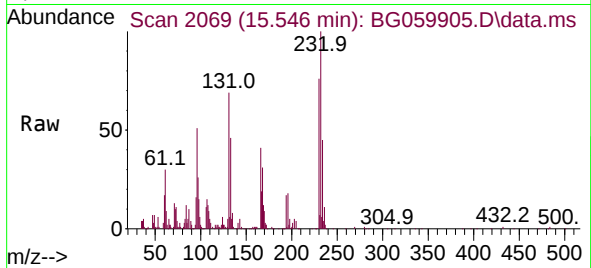




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.691 ng
RT: 15.546 min Scan# 2073
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

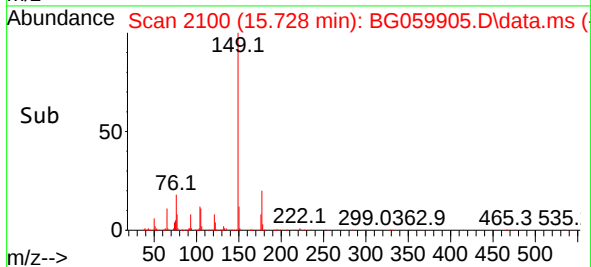
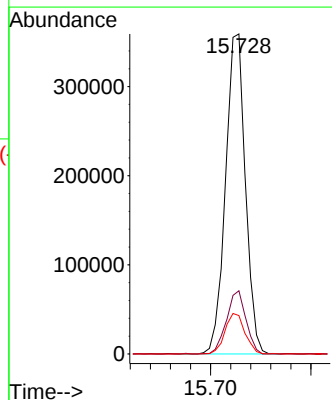
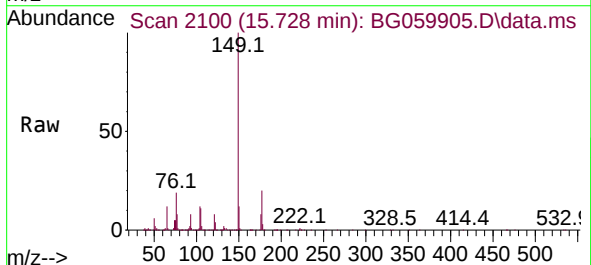
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

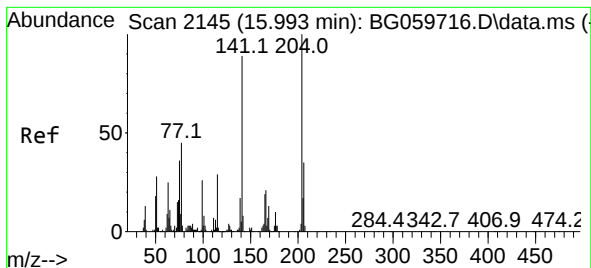
Tgt Ion:232 Resp: 108859
Ion Ratio Lower Upper
232 100
131 65.2 50.2 75.2
130 5.1 4.3 6.5
166 36.8 26.8 40.2



#60
Diethylphthalate
Concen: 49.340 ng
RT: 15.728 min Scan# 2100
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:149 Resp: 492889
Ion Ratio Lower Upper
149 100
177 19.8 16.6 24.8
150 12.0 10.7 16.1

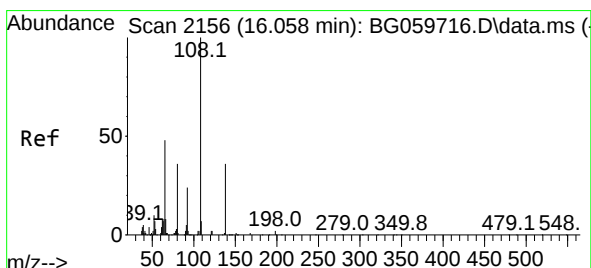
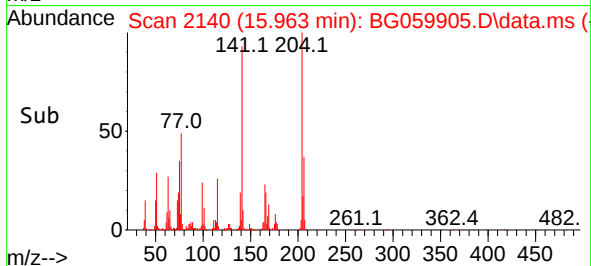
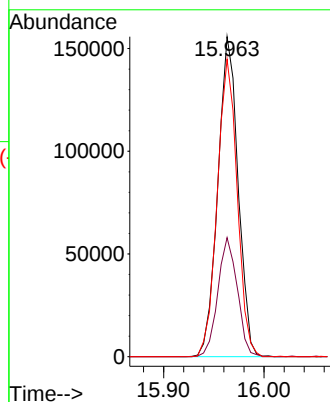
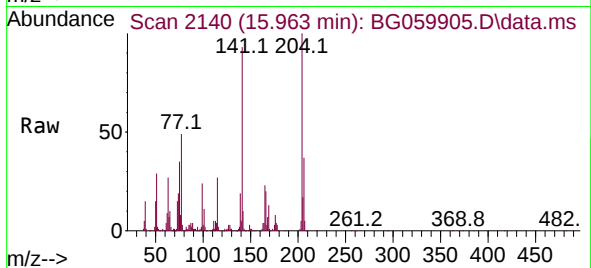




#61
4-Chlorophenyl-phenylether
Concen: 46.637 ng
RT: 15.963 min Scan# 2145
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

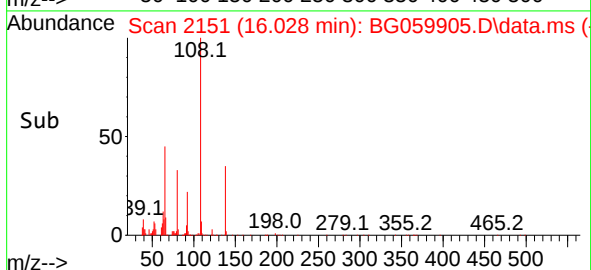
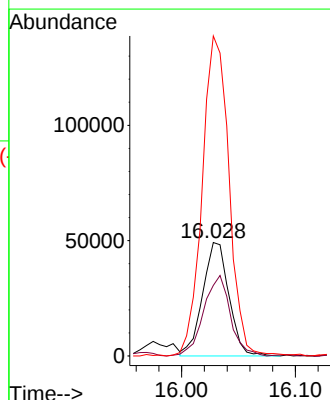
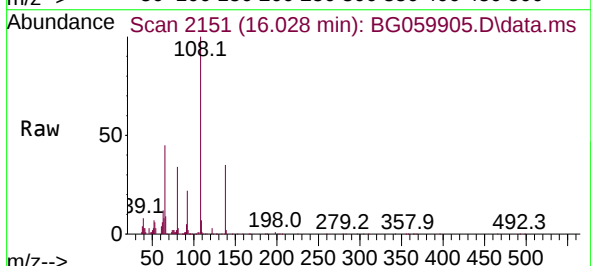
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

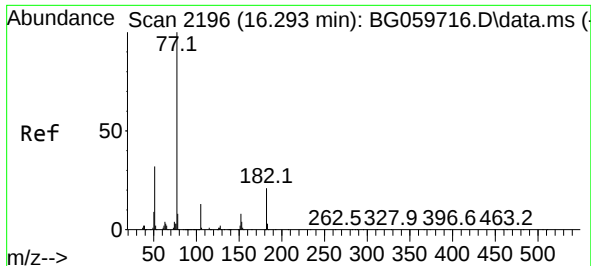
Tgt Ion:204 Resp: 218579
Ion Ratio Lower Upper
204 100
206 37.2 28.1 42.1
141 92.9 70.9 106.3



#62
4-Nitroaniline
Concen: 38.113 ng
RT: 16.028 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:138 Resp: 79004
Ion Ratio Lower Upper
138 100
92 62.2 45.8 85.8
108 282.0 256.3 296.3

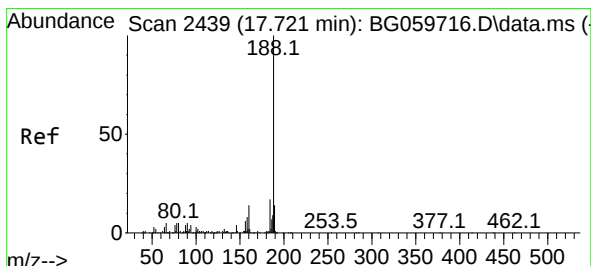
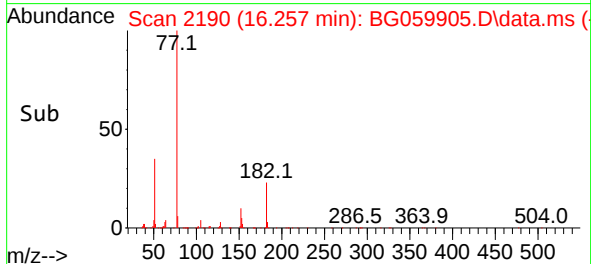
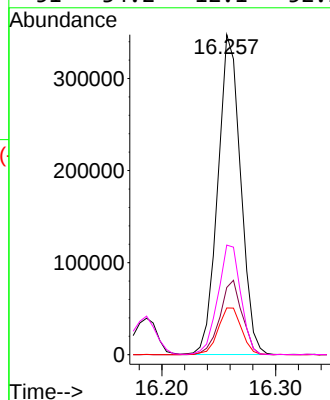
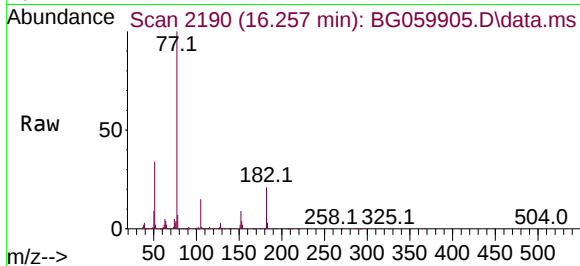




#63
Azobenzene
Concen: 43.563 ng
RT: 16.257 min Scan# 2196
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

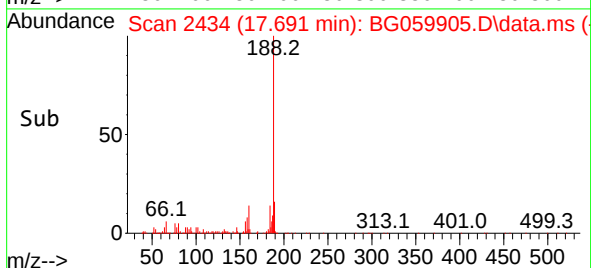
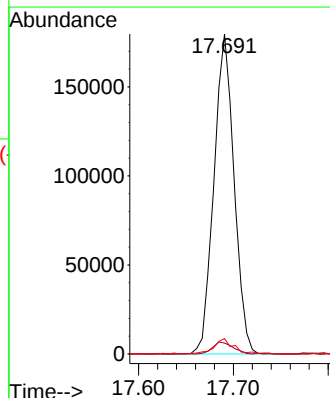
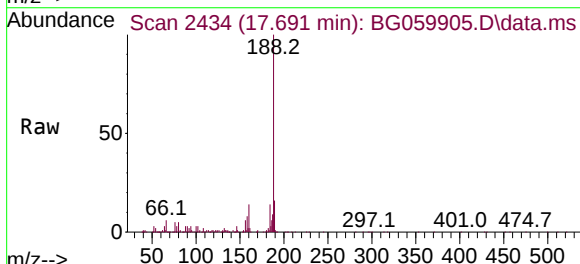
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

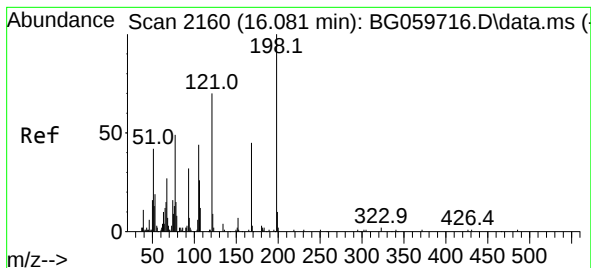
Tgt Ion: 77	Resp: 483603
Ion Ratio	Lower Upper
77 100	
182 21.0	1.1 41.1
105 14.6	0.0 33.0
51 34.2	12.1 52.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.691 min Scan# 2434
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:188	Resp: 265831
Ion Ratio	Lower Upper
188 100	
94 3.4	3.0 4.4
80 4.8	4.2 6.4

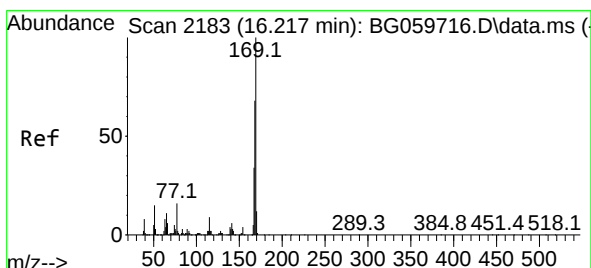
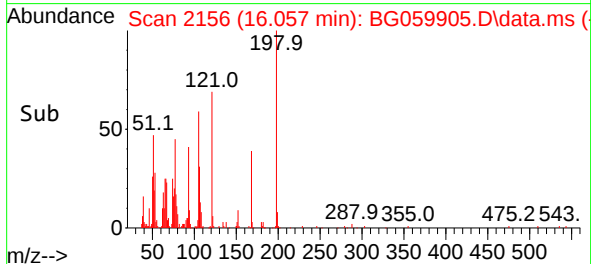
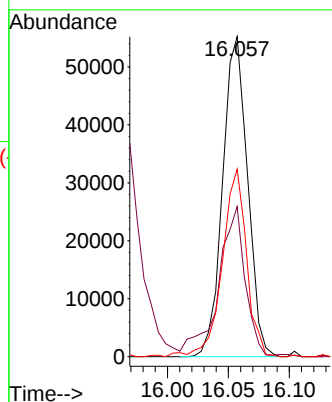
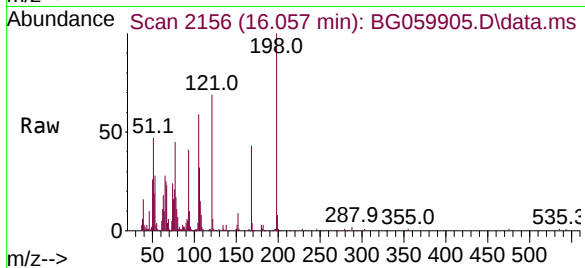




#65
4,6-Dinitro-2-methylphenol
Concen: 48.279 ng
RT: 16.057 min Scan# 2156
Delta R.T. 0.002 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

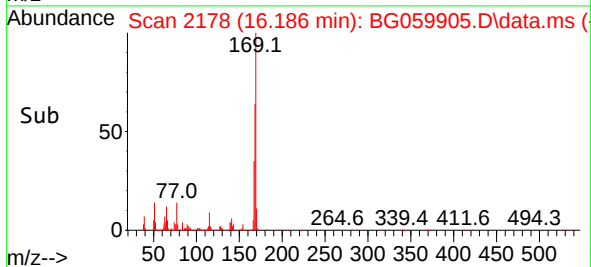
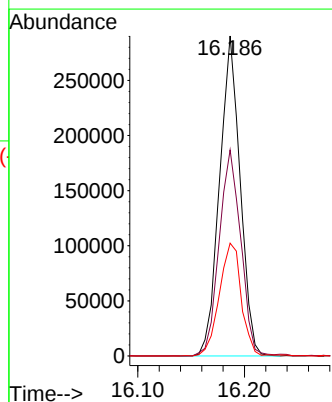
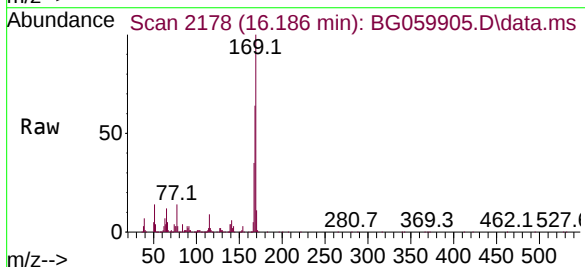
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

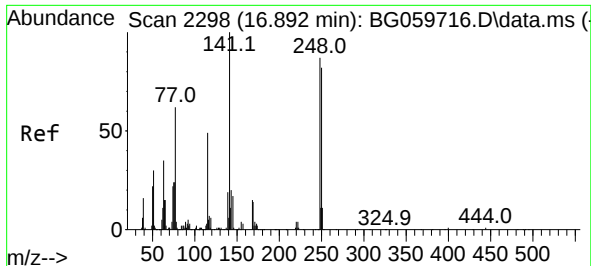
Tgt Ion:198 Resp: 78432
Ion Ratio Lower Upper
198 100
51 46.9 23.0 63.0
105 58.6 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 50.024 ng
RT: 16.186 min Scan# 2178
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:169 Resp: 388461
Ion Ratio Lower Upper
169 100
168 64.4 54.5 81.7
167 35.3 27.8 41.6

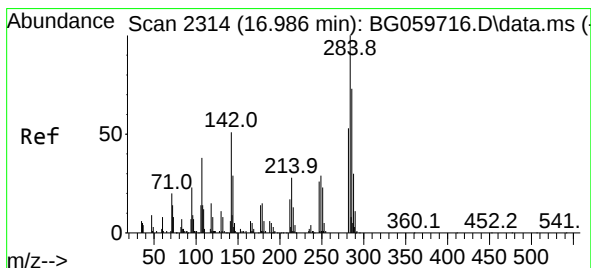
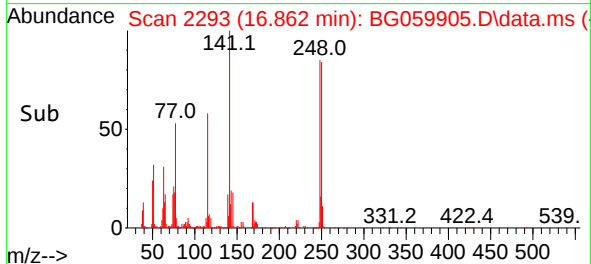
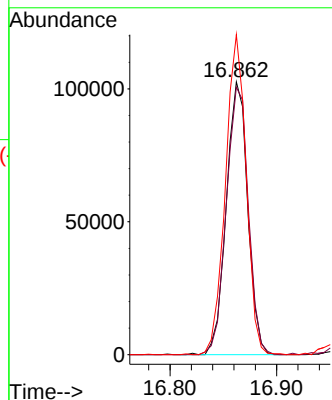
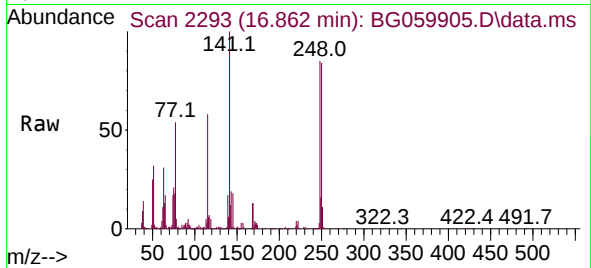




#67
4-Bromophenyl-phenylether
Concen: 50.084 ng
RT: 16.862 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

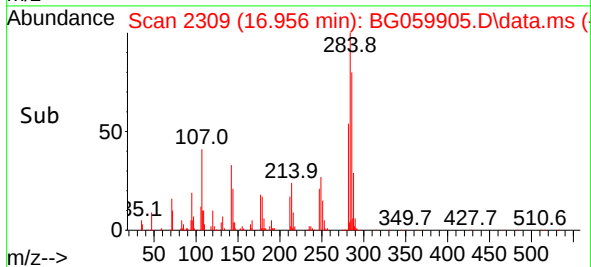
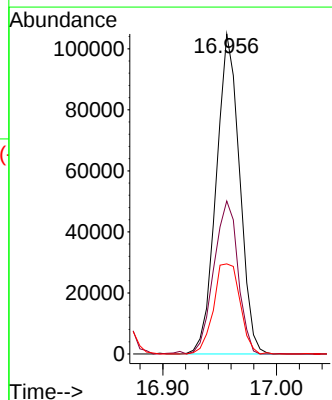
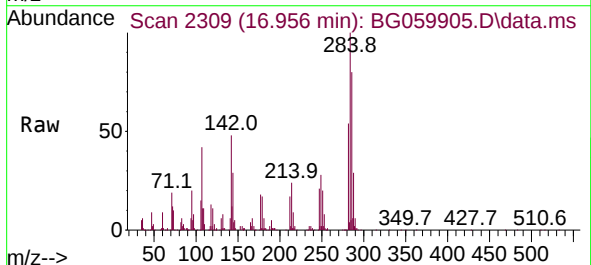
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

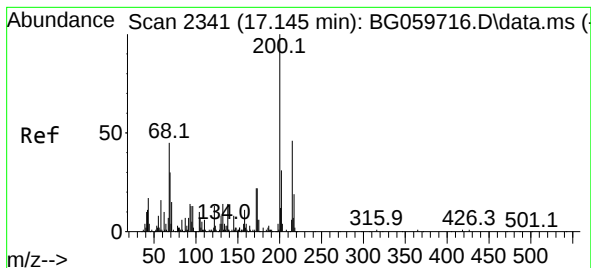
Tgt Ion:248 Resp: 143030
Ion Ratio Lower Upper
248 100
250 98.1 75.2 112.8
141 117.3 91.5 137.3



#68
Hexachlorobenzene
Concen: 56.306 ng
RT: 16.956 min Scan# 2309
Delta R.T. -0.009 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:284 Resp: 150081
Ion Ratio Lower Upper
284 100
142 47.8 41.0 61.6
249 30.0 24.2 36.4





#69

Atrazine

Concen: 62.129 ng

RT: 17.121 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

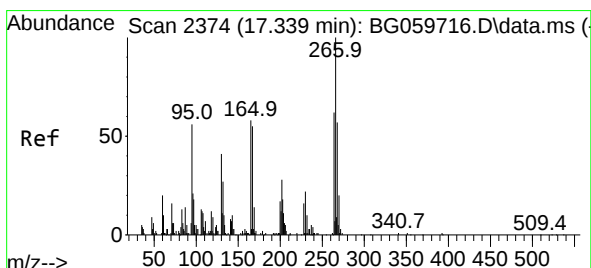
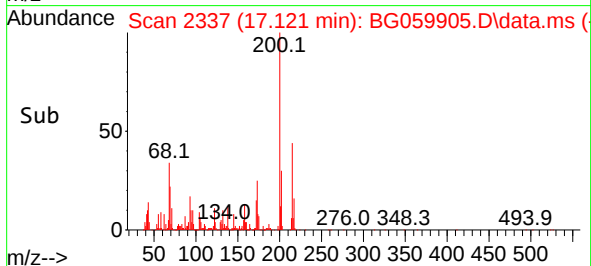
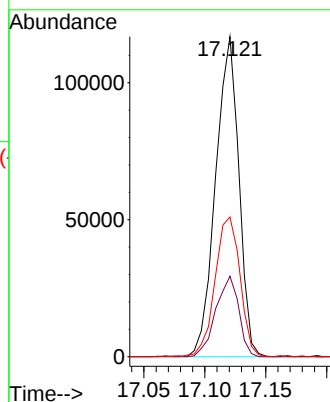
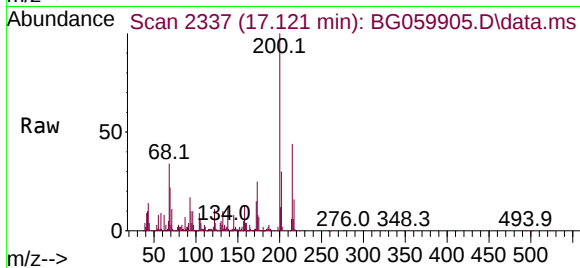
Tgt Ion:200 Resp: 154683

Ion Ratio Lower Upper

200 100

173 25.2 2.3 42.3

215 43.7 25.6 65.6



#70

Pentachlorophenol

Concen: 94.784 ng

RT: 17.315 min Scan# 2370

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

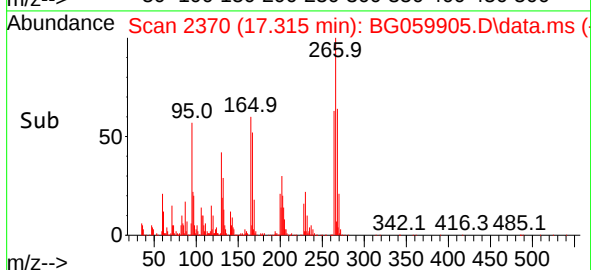
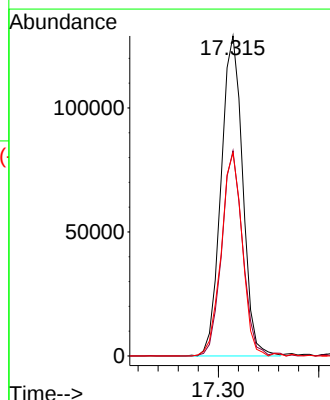
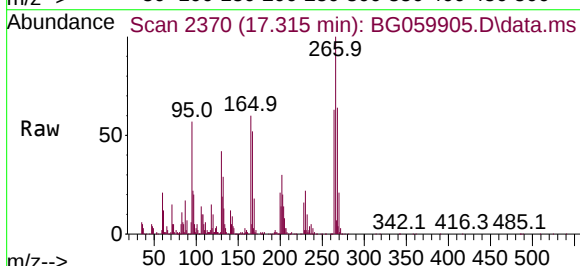
Tgt Ion:266 Resp: 192745

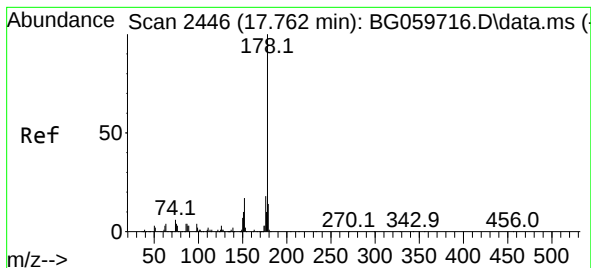
Ion Ratio Lower Upper

266 100

268 67.9 45.7 68.5

264 63.5 49.8 74.8





#71

Phenanthrene

Concen: 48.517 ng

RT: 17.738 min Scan# 2446

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

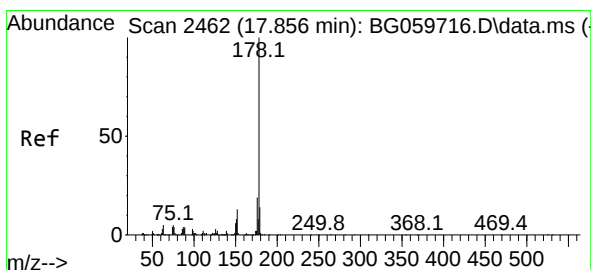
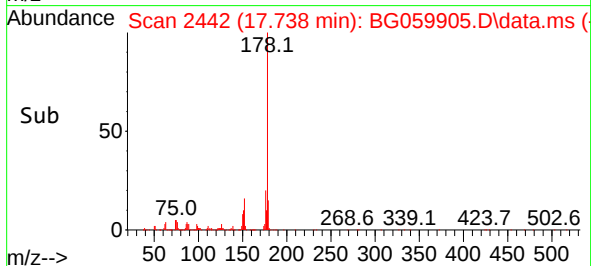
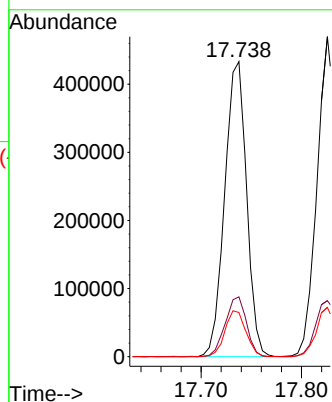
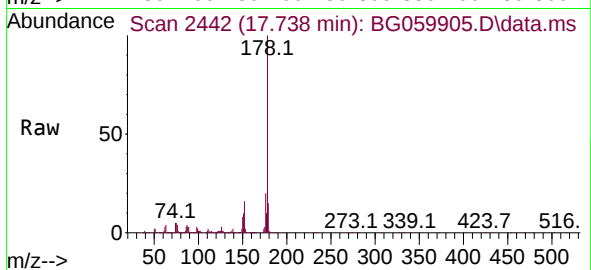
Tgt Ion:178 Resp: 655730

Ion Ratio Lower Upper

178 100

176 20.3 14.5 21.7

179 15.0 11.2 16.8



#72

Anthracene

Concen: 48.083 ng

RT: 17.826 min Scan# 2457

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

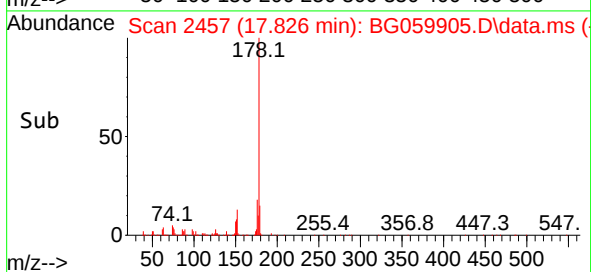
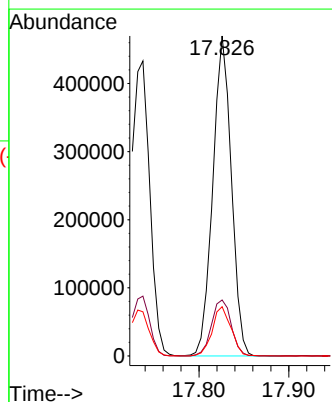
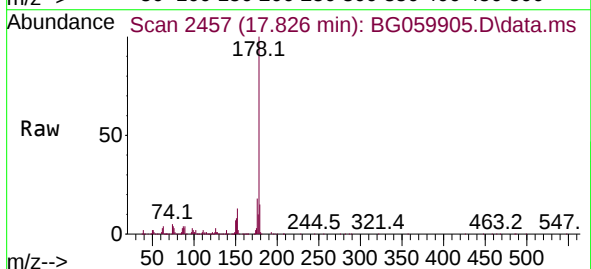
Tgt Ion:178 Resp: 675218

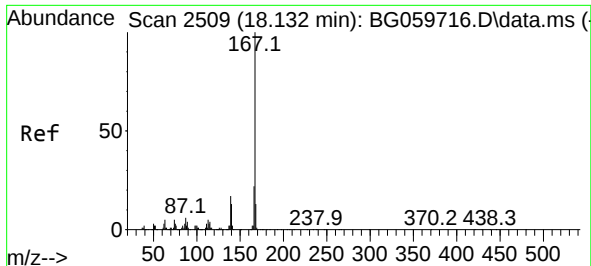
Ion Ratio Lower Upper

178 100

176 17.5 15.0 22.4

179 15.4 11.5 17.3

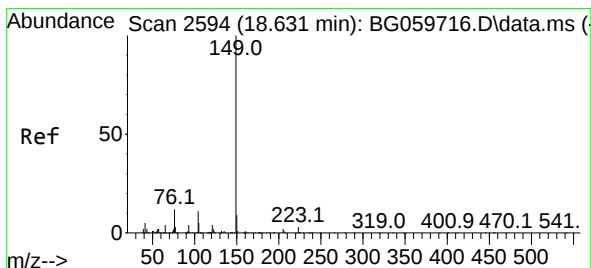
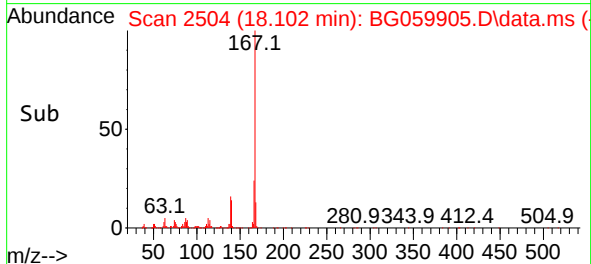
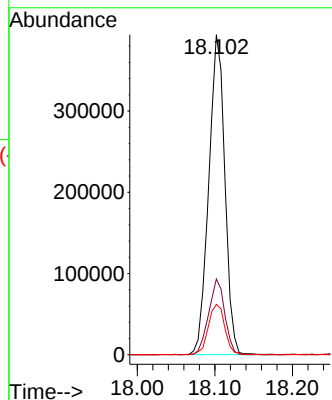
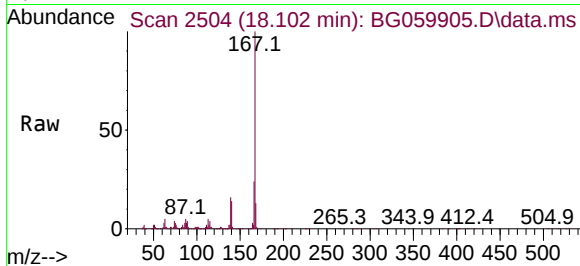




#73
 Carbazole
 Concen: 46.260 ng
 RT: 18.102 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

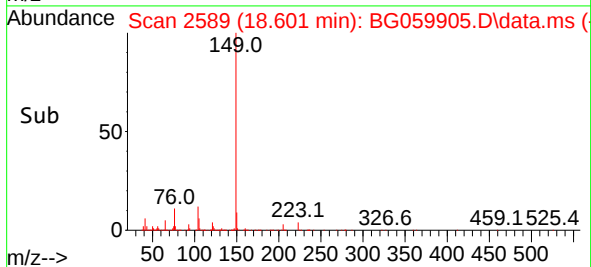
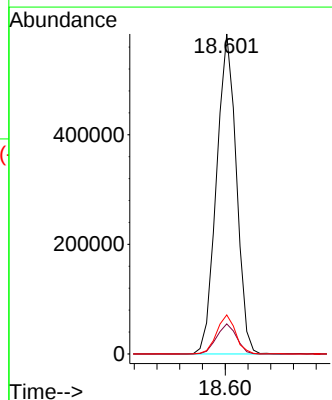
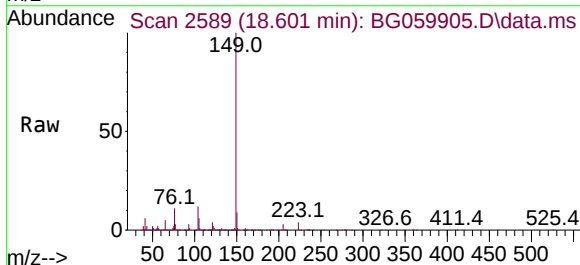
Instrument :
 BNA_G
 ClientSampleId :
 O-5(5-10)MSD

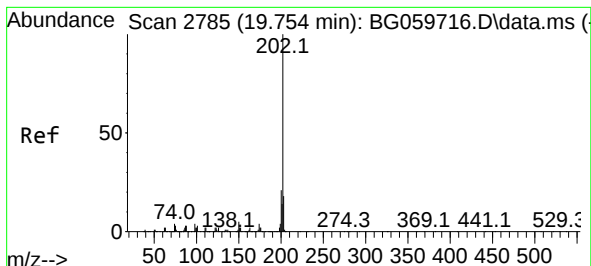
Tgt Ion:167 Resp: 567526
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.0
 139 15.7 13.2 19.8



#74
 Di-n-butylphthalate
 Concen: 47.728 ng
 RT: 18.601 min Scan# 2589
 Delta R.T. -0.004 min
 Lab File: BG059905.D
 Acq: 27 Nov 2023 16:55

Tgt Ion:149 Resp: 707754
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 12.2 8.6 12.8





#75

Fluoranthene

Concen: 44.604 ng

RT: 19.729 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

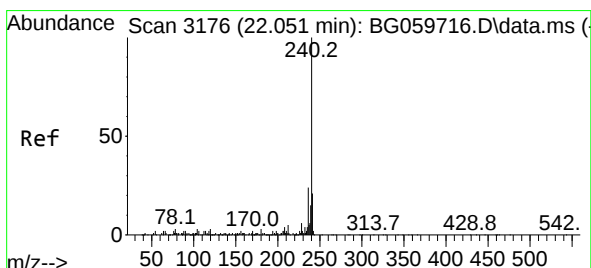
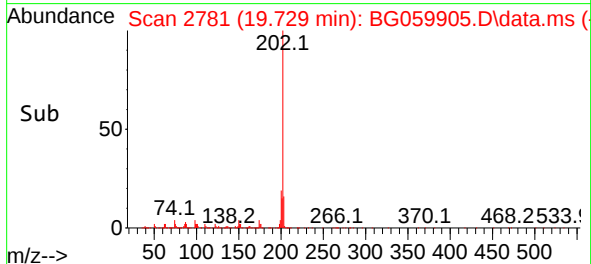
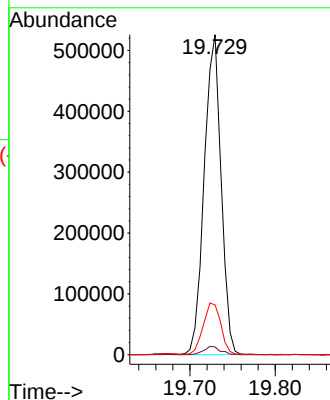
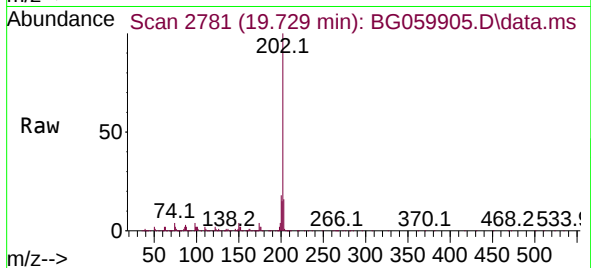
Tgt Ion:202 Resp: 722951

Ion Ratio Lower Upper

202 100

101 2.4 0.0 22.7

203 15.6 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.015 min Scan# 3170

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

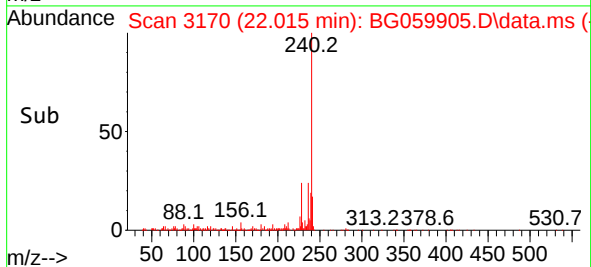
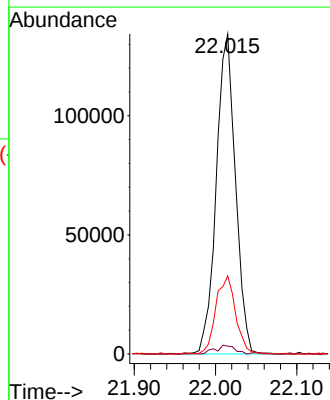
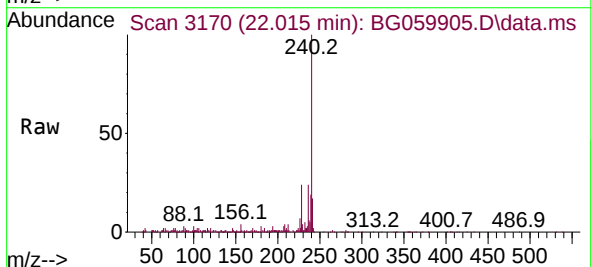
Tgt Ion:240 Resp: 220748

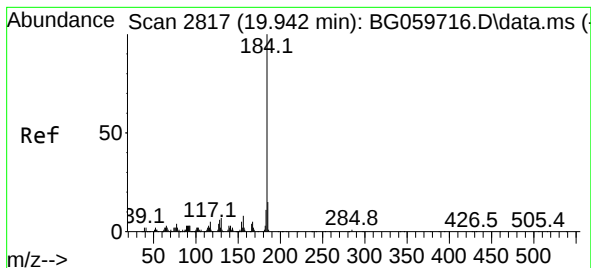
Ion Ratio Lower Upper

240 100

120 2.5 2.2 3.2

236 24.4 19.4 29.2





#77

Benzidine

Concen: 48.779 ng

RT: 19.912 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

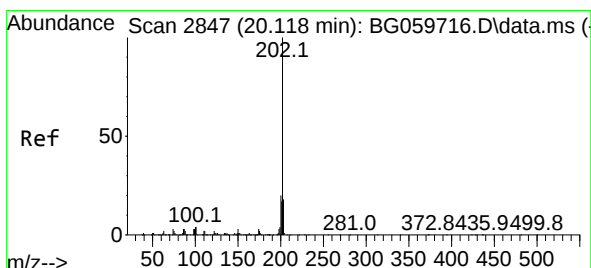
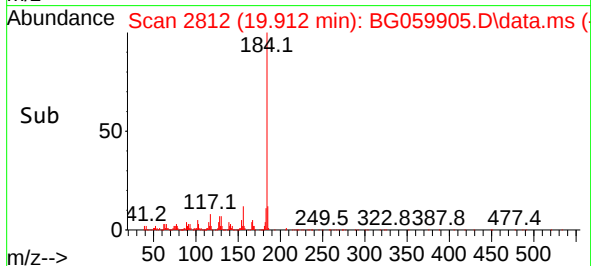
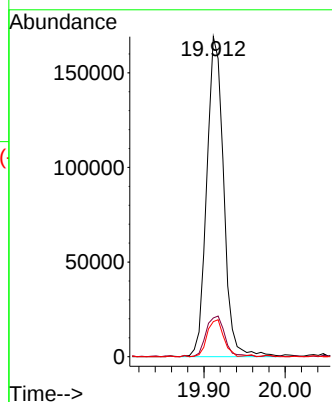
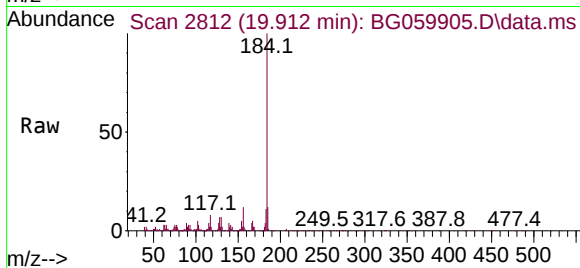
Tgt Ion:184 Resp: 244172

Ion Ratio Lower Upper

184 100

185 12.1 12.2 18.2#

183 11.0 8.8 13.2



#78

Pyrene

Concen: 45.636 ng

RT: 20.094 min Scan# 2843

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

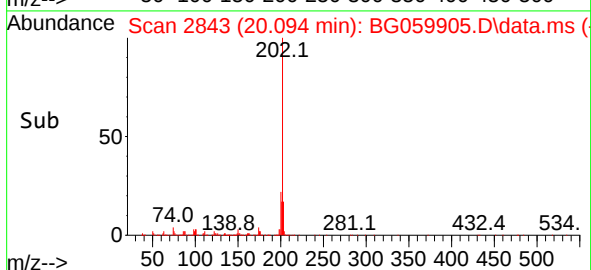
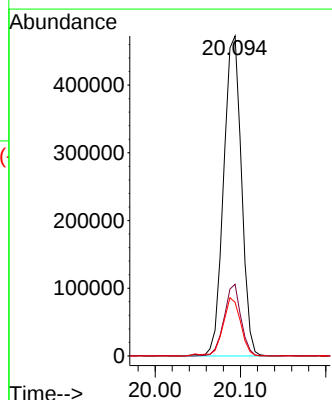
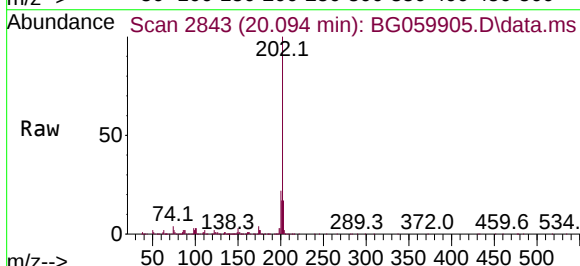
Tgt Ion:202 Resp: 685426

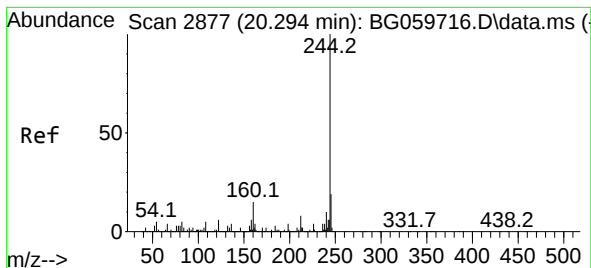
Ion Ratio Lower Upper

202 100

200 22.4 16.2 24.4

203 16.8 14.0 21.0





#79

Terphenyl-d14

Concen: 74.121 ng

RT: 20.264 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

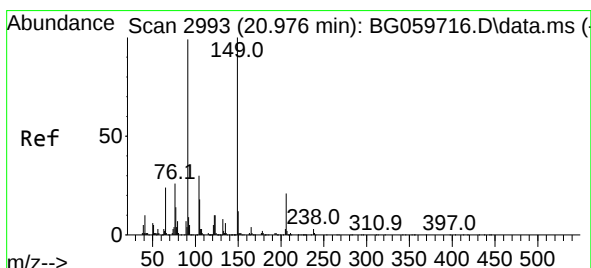
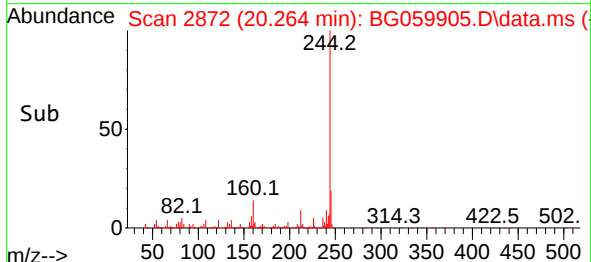
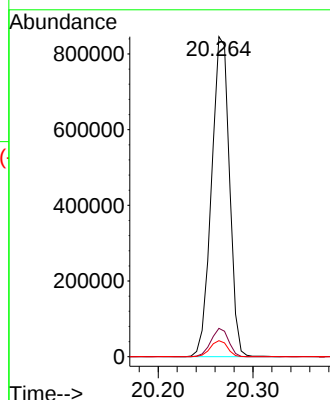
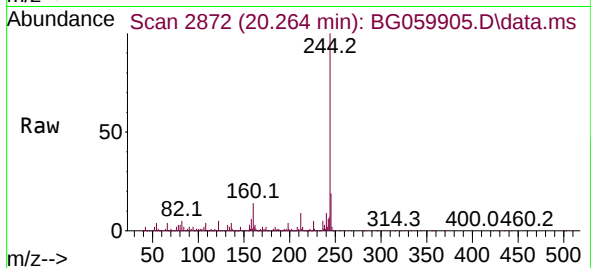
Tgt Ion:244 Resp: 1108349

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

122 5.0 4.4 6.6



#80

Butylbenzylphthalate

Concen: 46.951 ng

RT: 20.946 min Scan# 2988

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

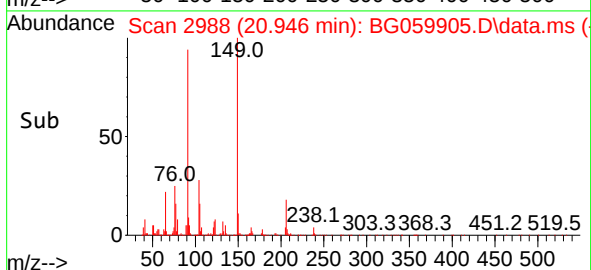
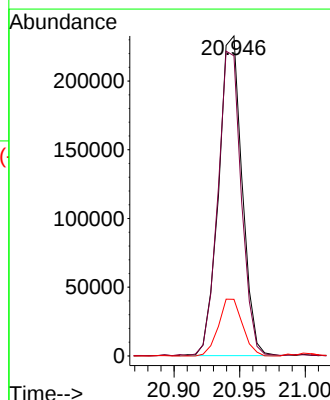
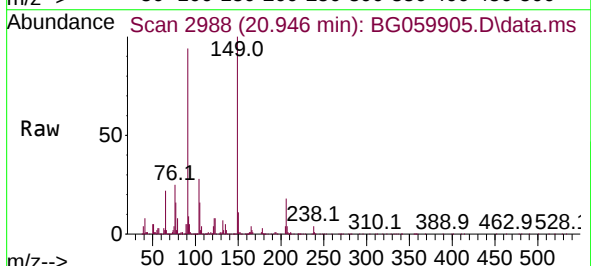
Tgt Ion:149 Resp: 289155

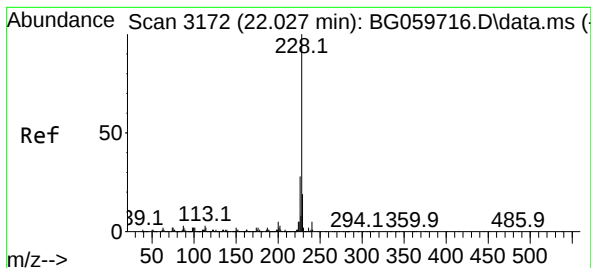
Ion Ratio Lower Upper

149 100

91 93.8 79.6 119.4

206 17.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 44.324 ng

RT: 21.991 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

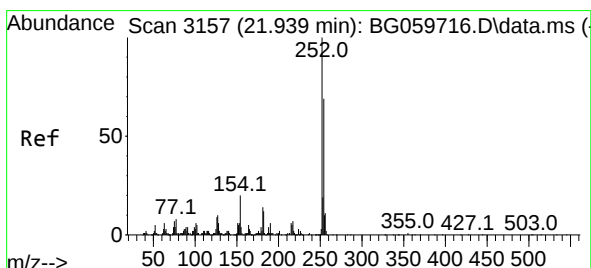
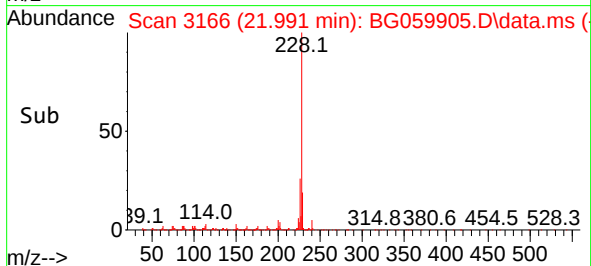
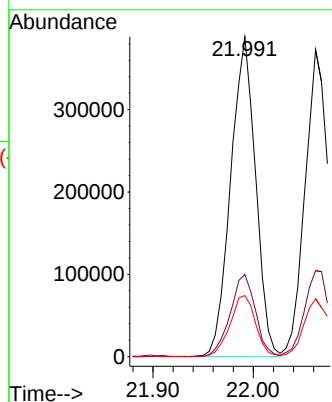
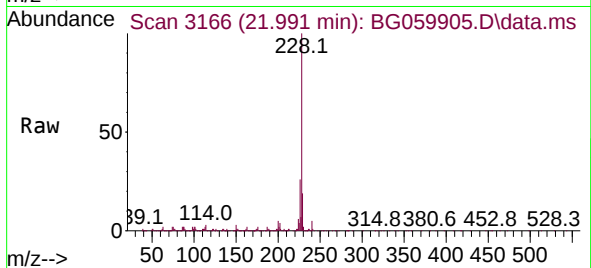
Tgt Ion:228 Resp: 669470

Ion Ratio Lower Upper

228 100

226 25.7 22.1 33.1

229 19.1 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 21.452 ng

RT: 21.897 min Scan# 3150

Delta R.T. -0.009 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

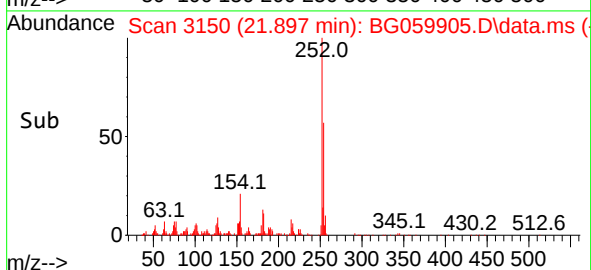
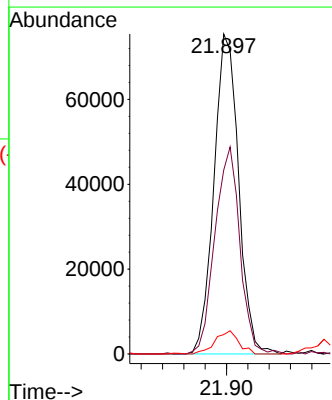
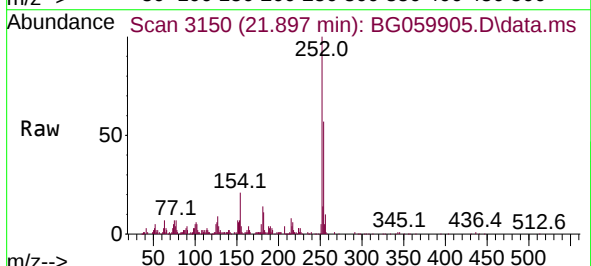
Tgt Ion:252 Resp: 120711

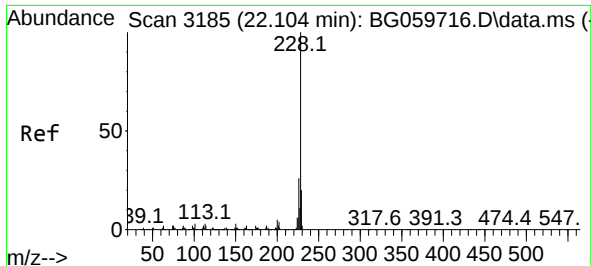
Ion Ratio Lower Upper

252 100

254 57.4 55.2 82.8

126 6.1 7.0 10.6#

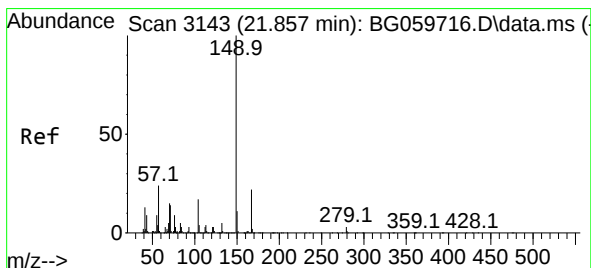
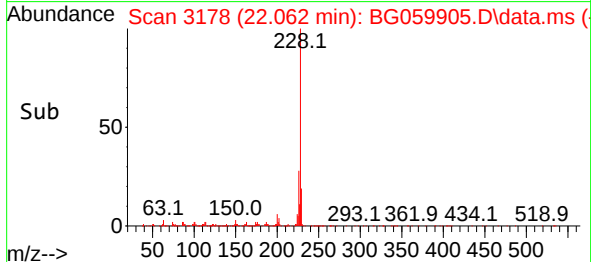
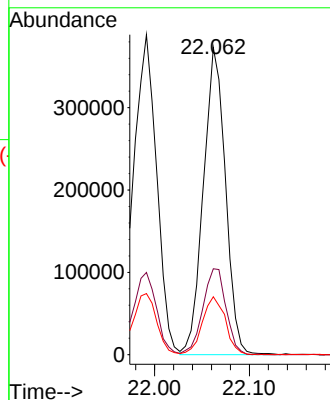
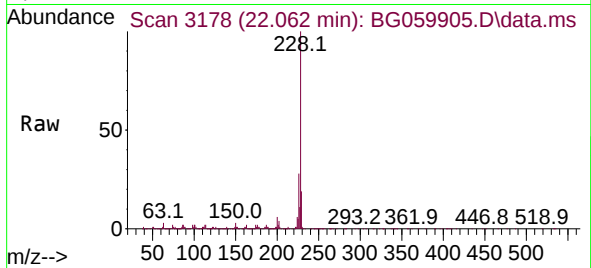




#83
Chrysene
Concen: 43.678 ng
RT: 22.062 min Scan# 3185
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

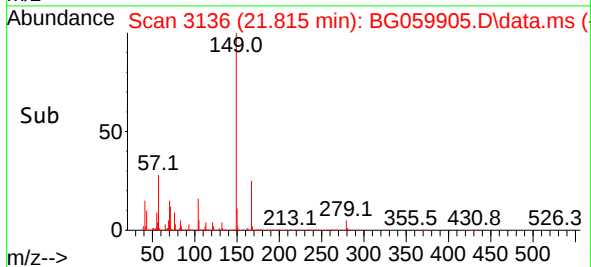
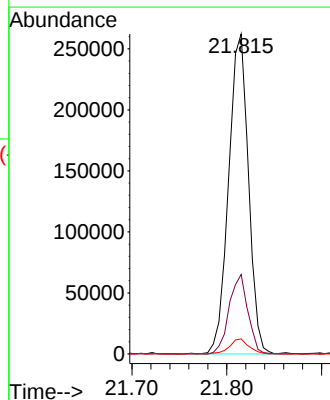
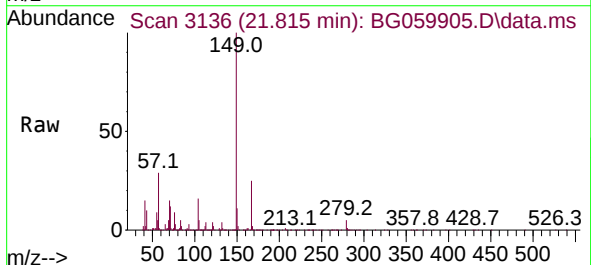
Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

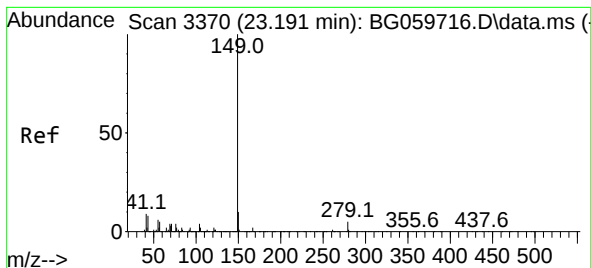
Tgt Ion:228 Resp: 604758
Ion Ratio Lower Upper
228 100
226 28.0 21.1 31.7
229 18.9 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.228 ng
RT: 21.815 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:149 Resp: 380779
Ion Ratio Lower Upper
149 100
167 24.9 17.6 26.4
279 4.7 2.7 4.1#





#85

Di-n-octyl phthalate

Concen: 39.058 ng

RT: 23.137 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

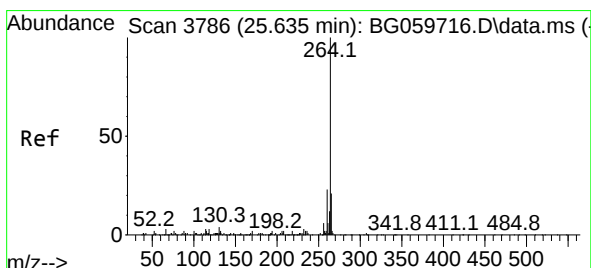
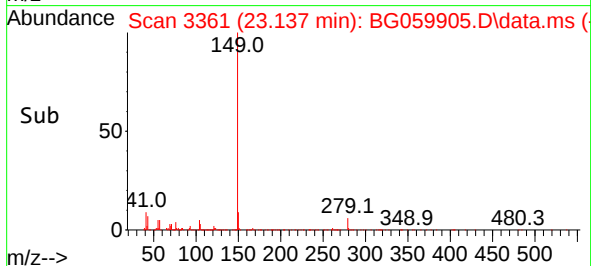
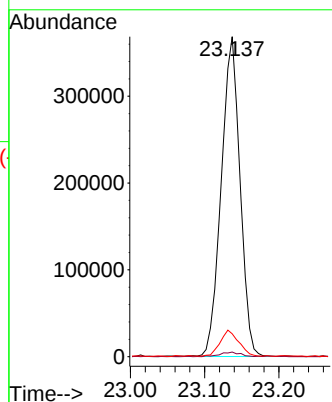
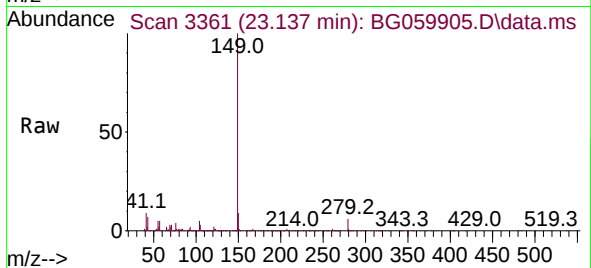
Tgt Ion:149 Resp: 647347

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 7.9 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.570 min Scan# 3775

Delta R.T. -0.009 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

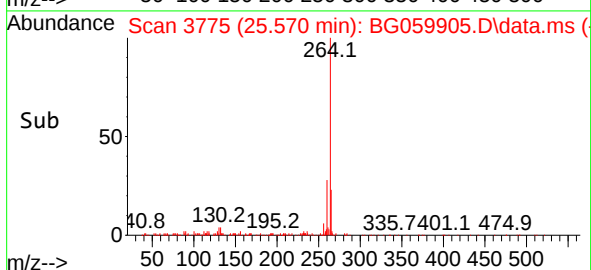
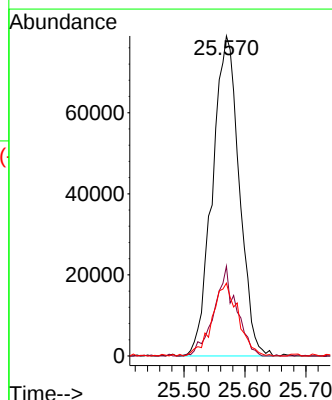
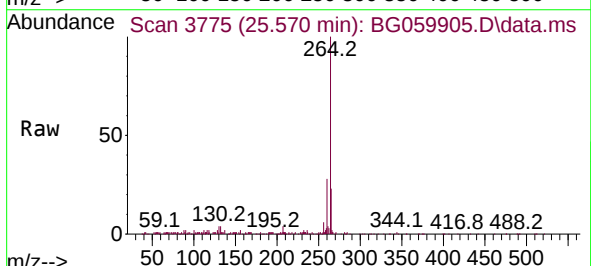
Tgt Ion:264 Resp: 241654

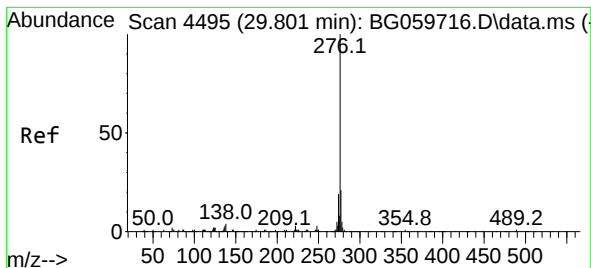
Ion Ratio Lower Upper

264 100

260 28.0 18.5 27.7#

265 22.8 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.920 ng

RT: 29.700 min Scan# 4495

Delta R.T. -0.015 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

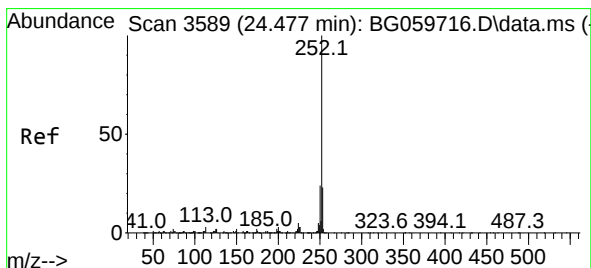
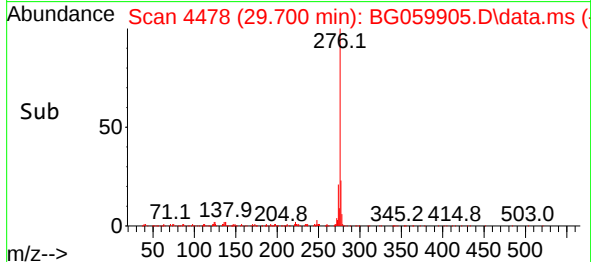
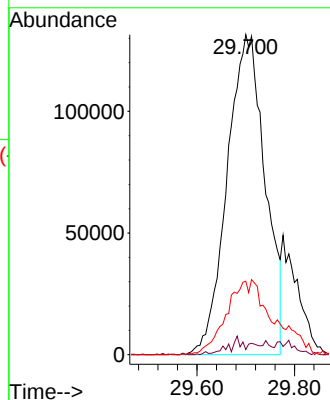
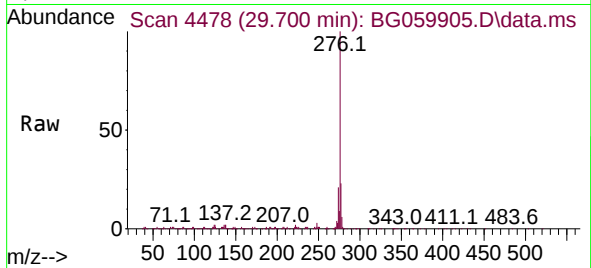
Tgt Ion:276 Resp: 711651

Ion Ratio Lower Upper

276 100

138 0.5 1.8 2.6#

277 14.0 9.8 14.6



#88

Benzo(b)fluoranthene

Concen: 51.372 ng

RT: 24.424 min Scan# 3580

Delta R.T. 0.002 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

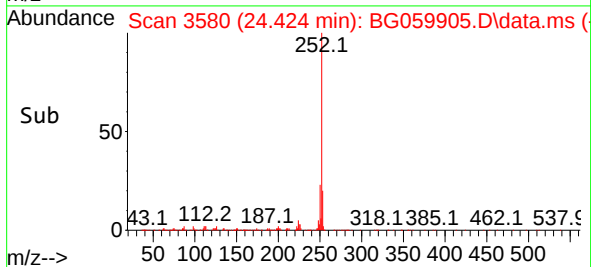
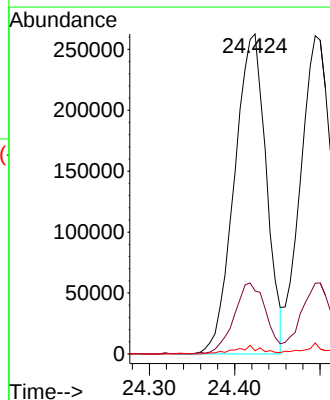
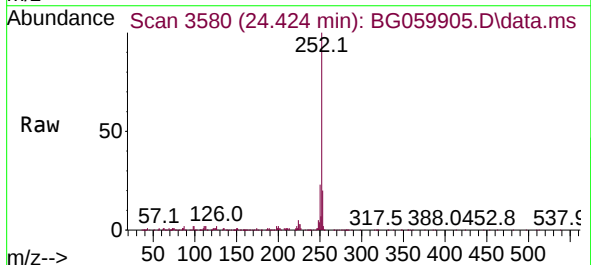
Tgt Ion:252 Resp: 680412

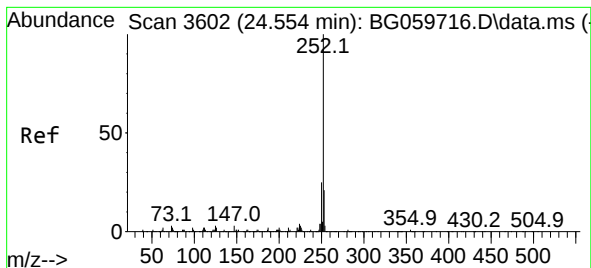
Ion Ratio Lower Upper

252 100

253 19.7 18.3 27.5

125 1.0 1.4 2.0#





#89

Benzo(k)fluoranthene

Concen: 50.720 ng

RT: 24.494 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

Instrument :

BNA_G

ClientSampleId :

O-5(5-10)MSD

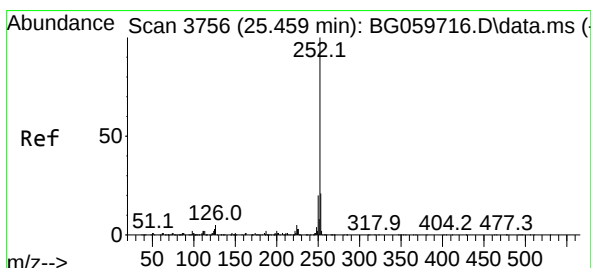
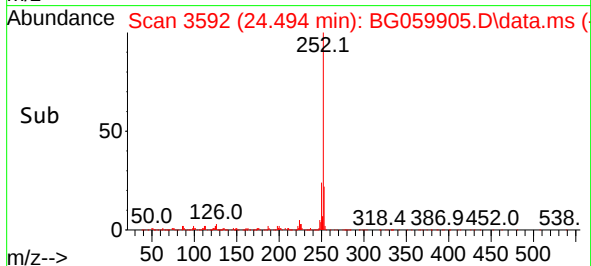
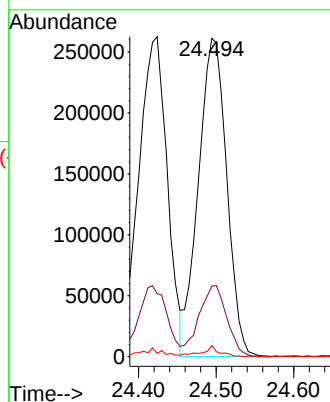
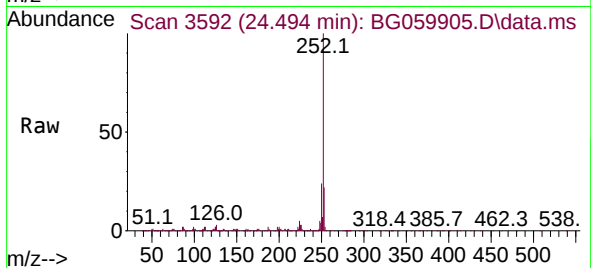
Tgt Ion:252 Resp: 664141

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 3.5 2.2 3.2#



#90

Benzo(a)pyrene

Concen: 42.683 ng

RT: 25.399 min Scan# 3746

Delta R.T. -0.015 min

Lab File: BG059905.D

Acq: 27 Nov 2023 16:55

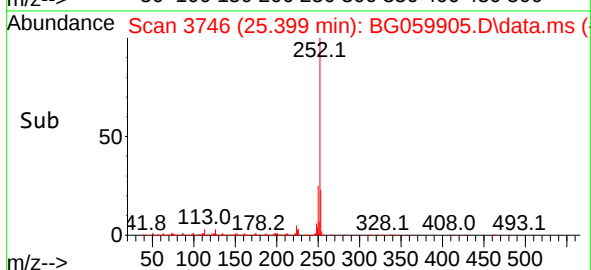
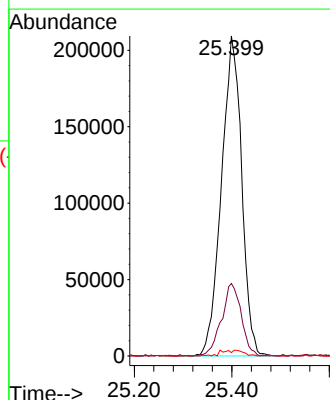
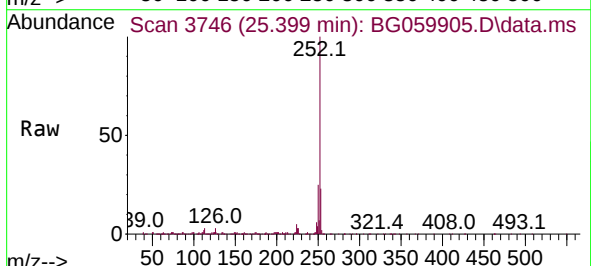
Tgt Ion:252 Resp: 603340

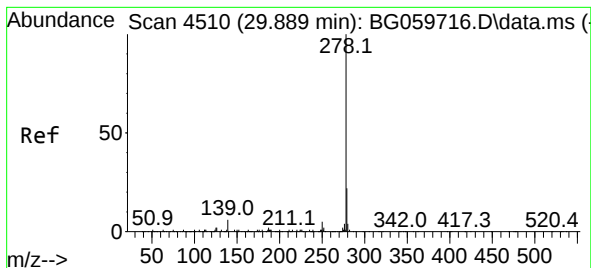
Ion Ratio Lower Upper

252 100

253 22.6 16.8 25.2

125 1.1 2.0 3.0#

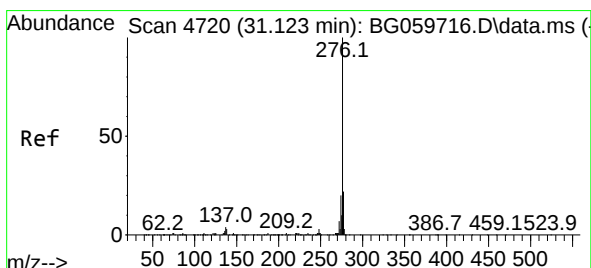
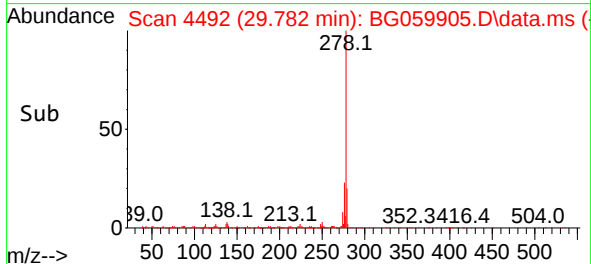
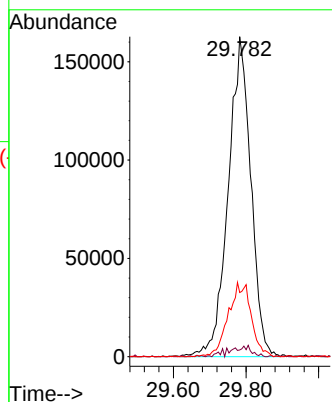
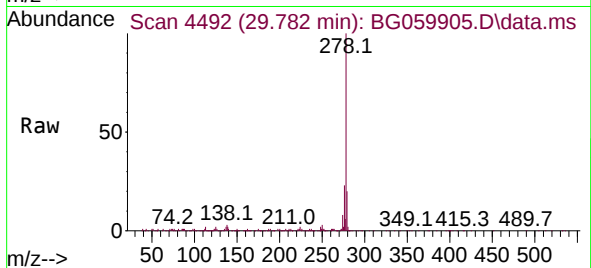




#91
Dibenzo(a,h)anthracene
Concen: 45.543 ng
RT: 29.782 min Scan# 4492
Delta R.T. -0.021 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Instrument :
BNA_G
ClientSampleId :
O-5(5-10)MSD

Tgt Ion:278 Resp: 704549
Ion Ratio Lower Upper
278 100
139 2.1 4.6 7.0#
279 20.1 17.4 26.0



#92
Benzo(g,h,i)perylene
Concen: 42.703 ng
RT: 31.022 min Scan# 4703
Delta R.T. -0.015 min
Lab File: BG059905.D
Acq: 27 Nov 2023 16:55

Tgt Ion:276 Resp: 626827
Ion Ratio Lower Upper
276 100
277 21.8 17.3 25.9
138 4.2 2.6 4.0#

