

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061015.D
 Acq On : 23 Apr 2024 20:02
 Operator : MA/JU
 Sample : P2189-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

Quant Time: Apr 24 00:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	26713	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	103162	20.000	ng	# 0.00
39) Acenaphthene-d10	14.571	164	79476	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	195482	20.000	ng	# 0.00
76) Chrysene-d12	21.581	240	190340	20.000	ng	0.00
86) Perylene-d12	24.712	264	237129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.541	112	155981	118.111	ng	0.01
7) Phenol-d6	7.121	99	52238	26.659	ng	0.01
23) Nitrobenzene-d5	9.101	82	159451	69.444	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	208387	119.403	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	464660	80.917	ng	0.00
79) Terphenyl-d14	19.941	244	1021671	83.318	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.466	88	14977	32.769	ng	# 24
3) Pyridine	3.860	79	38847	27.497	ng	97
4) n-Nitrosodimethylamine	3.760	42	46636	36.702	ng	# 96
6) Aniline	7.274	93	35299	14.989	ng	97
8) 2-Chlorophenol	7.521	128	67944	41.291	ng	98
9) Benzaldehyde	7.080	77	3945	3.914	ng	# 76
10) Phenol	7.150	94	19760	10.150	ng	94
11) bis(2-Chloroethyl)ether	7.362	93	51853	37.229	ng	92
12) 1,3-Dichlorobenzene	7.838	146	74617	40.891	ng	94
13) 1,4-Dichlorobenzene	7.979	146	75585	40.213	ng	98
14) 1,2-Dichlorobenzene	8.296	146	72264	39.340	ng	97
15) Benzyl Alcohol	8.184	79	69700	37.674	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.461	45	111399	36.741	ng	70
17) 2-Methylphenol	8.390	107	10091	6.420	ng	94
18) Hexachloroethane	9.019	117	27665	40.847	ng	85
19) n-Nitroso-di-n-propyla...	8.743	70	48485	33.203	ng	98
20) 3+4-Methylphenols	8.713	107	5215	2.372	ng	95
22) Acetophenone	8.760	105	106188	36.863	ng	99
24) Nitrobenzene	9.142	77	80886	36.660	ng	96
25) Isophorone	9.665	82	139715	36.359	ng	99
26) 2-Nitrophenol	9.847	139	39962	38.538	ng	97
27) 2,4-Dimethylphenol	9.988	122	50970	30.666	ng	97
28) bis(2-Chloroethoxy)met...	10.147	93	76945	38.065	ng	98
29) 2,4-Dichlorophenol	10.488	162	79133	41.252	ng	99
30) 1,2,4-Trichlorobenzene	10.605	180	90664	42.836	ng	94
31) Naphthalene	10.793	128	220248	38.997	ng	98
32) Benzoic acid	10.165	122	34975	27.618	ng	93
33) 4-Chloroaniline	10.911	127	51367	20.021	ng	97
34) Hexachlorobutadiene	11.075	225	76370	41.029	ng	98
35) Caprolactam	11.692	113	19946	32.644	ng	# 50
36) 4-Chloro-3-methylphenol	12.127	107	93067	41.598	ng	92
37) 2-Methylnaphthalene	12.403	142	164514	37.047	ng	97
38) 1-Methylnaphthalene	12.620	142	154622	37.313	ng	100
40) 1,2,4,5-Tetrachloroben...	12.773	216	134343	47.566	ng	100
41) Hexachlorocyclopentadiene	12.750	237	59250	35.653	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	83601	45.029	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061015.D
 Acq On : 23 Apr 2024 20:02
 Operator : MA/JU
 Sample : P2189-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

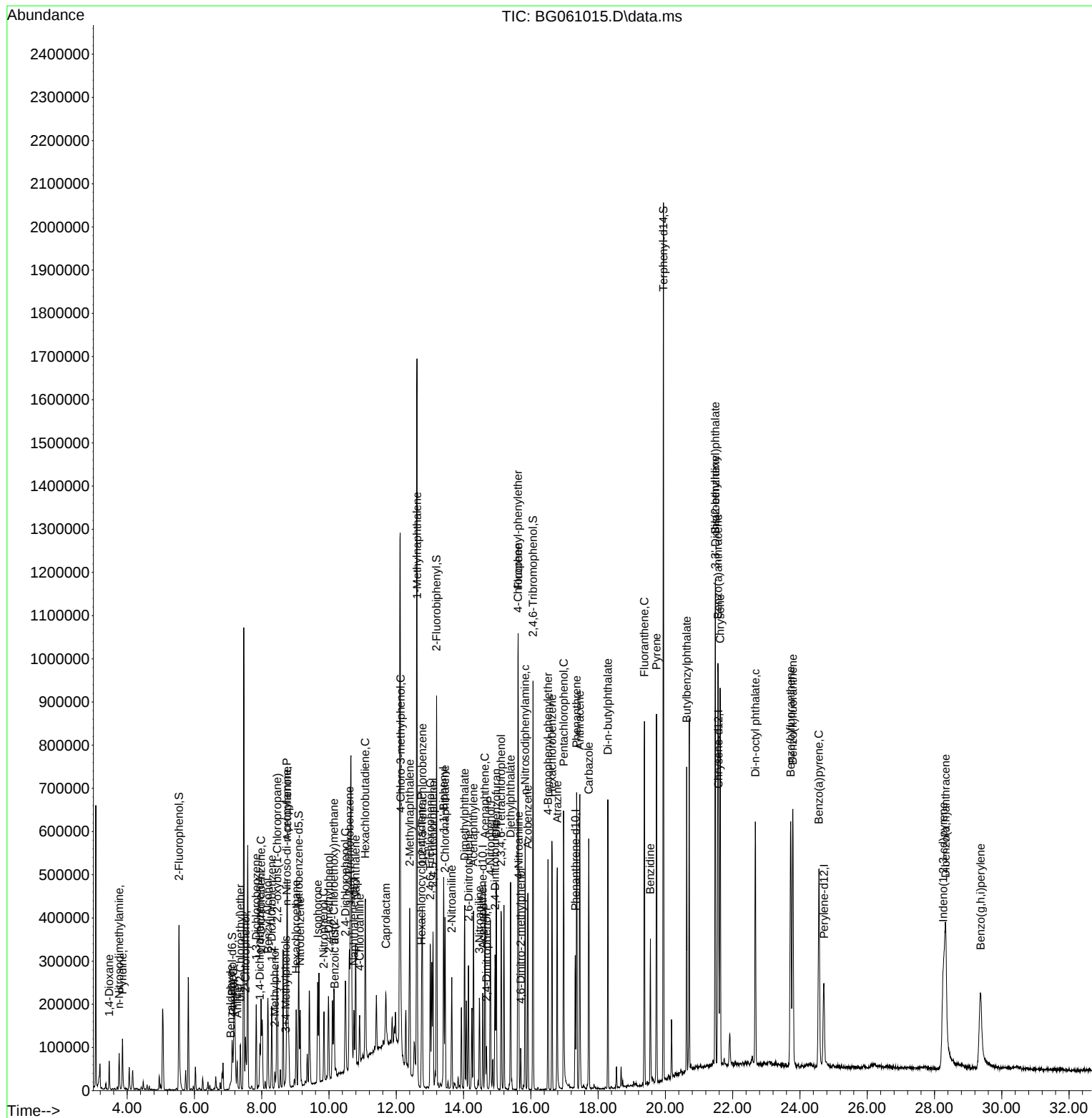
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

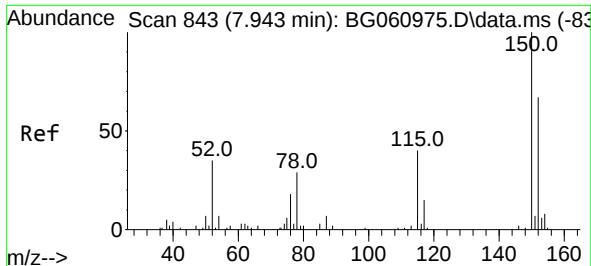
Quant Time: Apr 24 00:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.091	196	94847	43.187	ng	97
46) 1,1'-Biphenyl	13.408	154	239350	44.710	ng	96
47) 2-Chloronaphthalene	13.449	162	188454	45.912	ng	98
48) 2-Nitroaniline	13.649	65	68316	41.239	ng	94
49) Acenaphthylene	14.295	152	295861	42.798	ng	99
50) Dimethylphthalate	14.031	163	269797	41.167	ng	97
51) 2,6-Dinitrotoluene	14.148	165	55943	40.910	ng	95
52) Acenaphthene	14.636	154	172431	41.051	ng	98
53) 3-Nitroaniline	14.471	138	44478	32.986	ng	99
54) 2,4-Dinitrophenol	14.683	184	19436	25.864	ng	94
55) Dibenzofuran	14.971	168	308311	42.506	ng	99
56) 4-Nitrophenol	14.800	139	79475	82.271	ng	99
57) 2,4-Dinitrotoluene	14.935	165	82597	41.939	ng	# 97
58) Fluorene	15.623	166	253822	41.459	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.118	232	101080	45.602	ng	92
60) Diethylphthalate	15.400	149	259080	40.142	ng	99
61) 4-Chlorophenyl-phenyle...	15.617	204	149189	39.512	ng	96
62) 4-Nitroaniline	15.640	138	53620	36.879	ng	92
63) Azobenzene	15.911	77	213791	40.725	ng	96
65) 4,6-Dinitro-2-methylph...	15.699	198	19170	15.882	ng	97
66) n-Nitrosodiphenylamine	15.828	169	233944	43.439	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	112173	43.480	ng	94
68) Hexachlorobenzene	16.628	284	136559	47.921	ng	97
69) Atrazine	16.786	200	101423	50.317	ng	94
70) Pentachlorophenol	16.974	266	151491	81.072	ng	96
71) Phenanthrene	17.362	178	436988	43.795	ng	98
72) Anthracene	17.456	178	432805	42.116	ng	98
73) Carbazole	17.720	167	376631	44.129	ng	99
74) Di-n-butylphthalate	18.290	149	433598	41.845	ng	99
75) Fluoranthene	19.377	202	574322	43.371	ng	97
77) Benzidine	19.554	184	201139	57.032	ng	97
78) Pyrene	19.736	202	580807	44.815	ng	98
80) Butylbenzylphthalate	20.635	149	189374	43.839	ng	98
81) Benzo(a)anthracene	21.563	228	612463	45.768	ng	98
82) 3,3'-Dichlorobenzidine	21.481	252	205099	42.409	ng	# 98
83) Chrysene	21.628	228	581386	45.632	ng	99
84) Bis(2-ethylhexyl)phtha...	21.487	149	269791	42.958	ng	99
85) Di-n-octyl phthalate	22.673	149	462666	44.373	ng	99
87) Indeno(1,2,3-cd)pyrene	28.261	276	746719	45.394	ng	# 96
88) Benzo(b)fluoranthene	23.725	252	615214	45.782	ng	99
89) Benzo(k)fluoranthene	23.790	252	625647	46.121	ng	97
90) Benzo(a)pyrene	24.565	252	559754	43.035	ng	# 99
91) Dibenzo(a,h)anthracene	28.331	278	617073	45.914	ng	95
92) Benzo(g,h,i)perylene	29.371	276	526759	39.529	ng	# 98

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

Quant Time: Apr 24 00:16:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

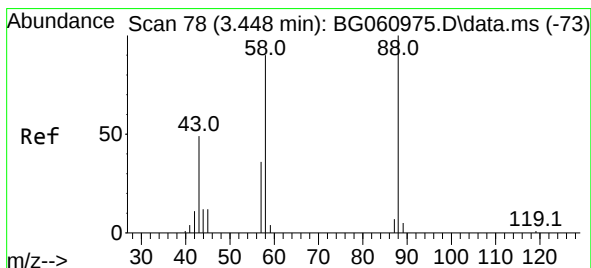
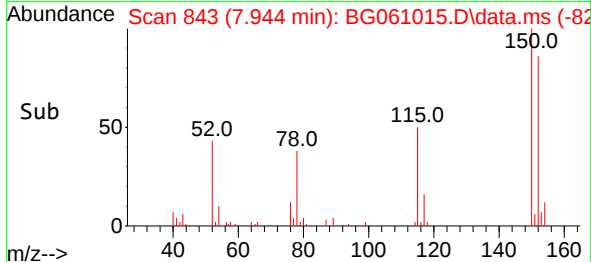
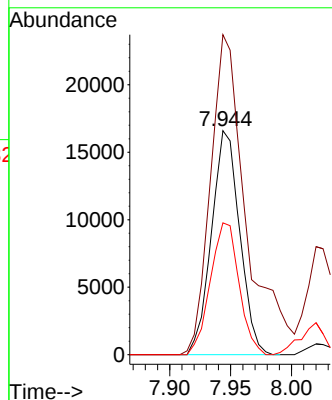
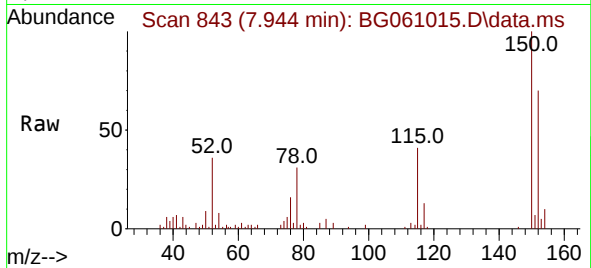




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.944 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

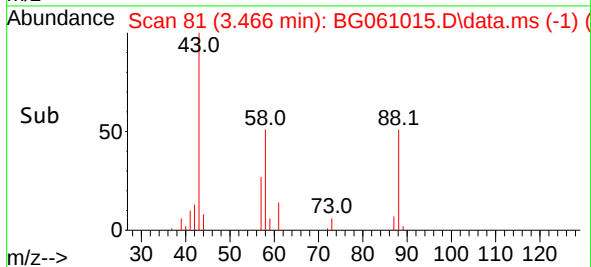
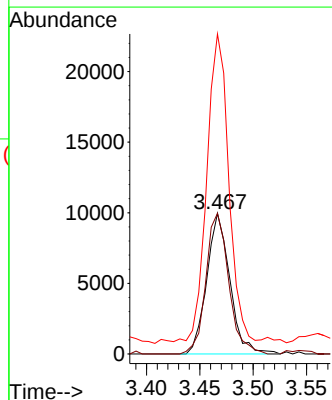
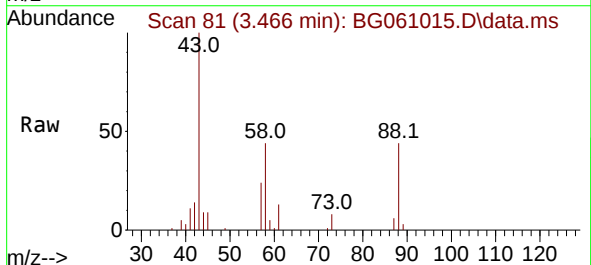
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

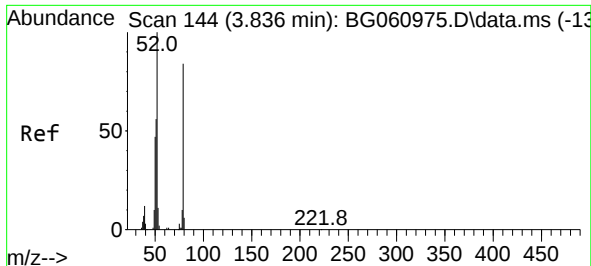
Tgt Ion:152 Resp: 26713
 Ion Ratio Lower Upper
 152 100
 150 142.8 118.6 178.0
 115 58.9 47.4 71.0



#2
 1,4-Dioxane
 Concen: 32.769 ng
 RT: 3.466 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Tgt Ion: 88 Resp: 14977
 Ion Ratio Lower Upper
 88 100
 58 98.9 80.2 120.2
 43 207.1 43.4 65.0#



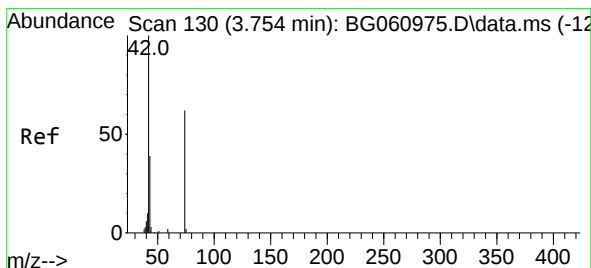
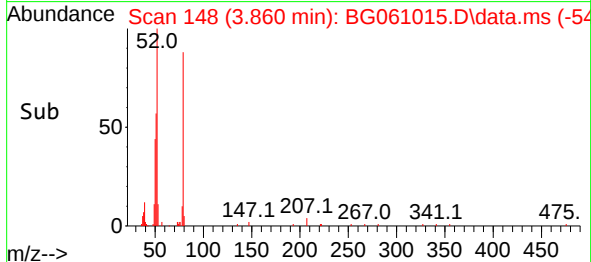
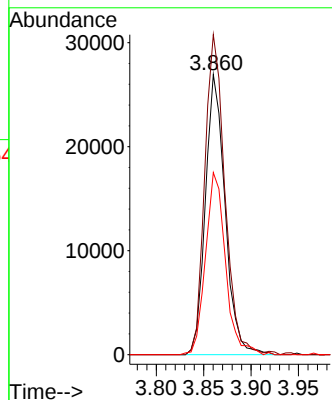
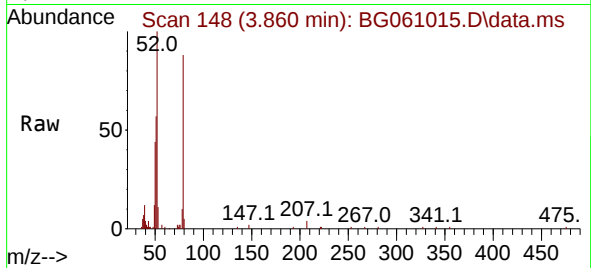


#3
 Pyridine
 Concen: 27.497 ng
 RT: 3.860 min Scan# 144
 Delta R.T. 0.024 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

Tgt Ion: 79 Resp: 38847

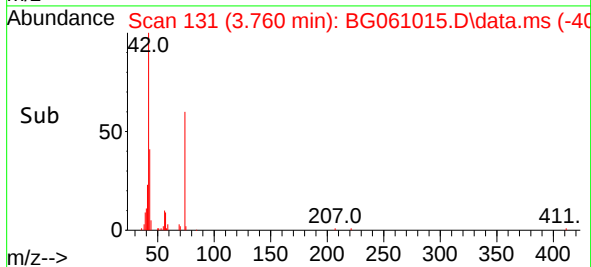
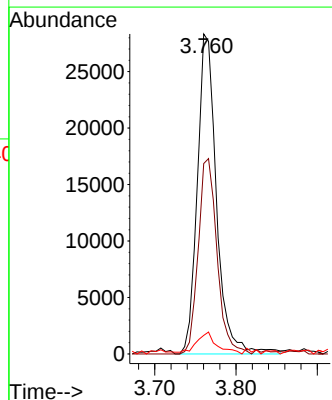
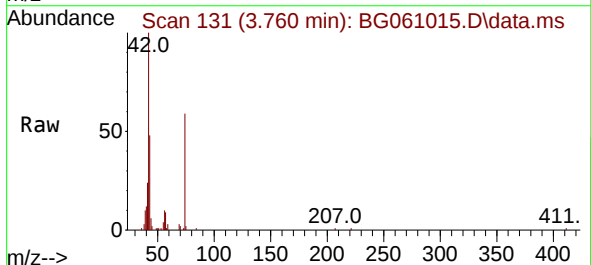
Ion	Ratio	Lower	Upper
79	100		
52	114.2	95.0	142.6
51	65.0	53.3	79.9

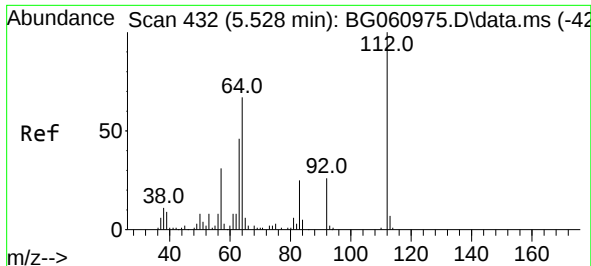


#4
 n-Nitrosodimethylamine
 Concen: 36.702 ng
 RT: 3.760 min Scan# 131
 Delta R.T. 0.007 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Tgt Ion: 42 Resp: 46636

Ion	Ratio	Lower	Upper
42	100		
74	59.5	49.8	74.6
44	5.8	3.8	5.6

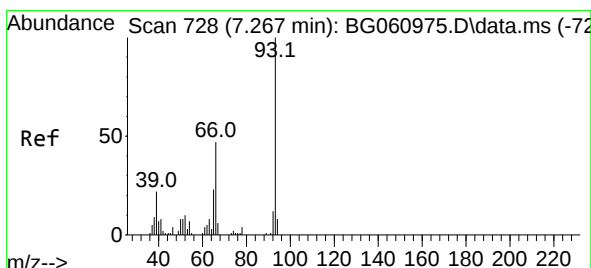
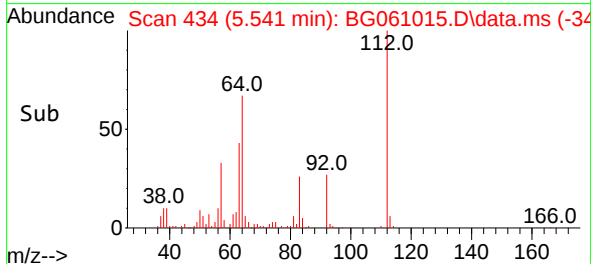
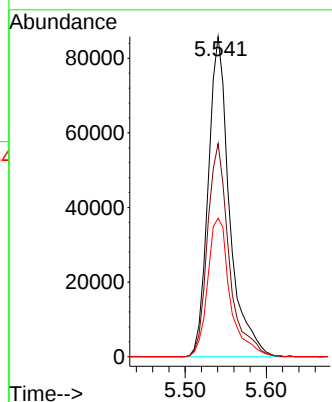
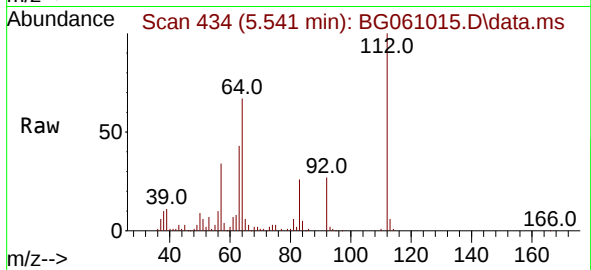




#5
2-Fluorophenol
Concen: 118.111 ng
RT: 5.541 min Scan# 432
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

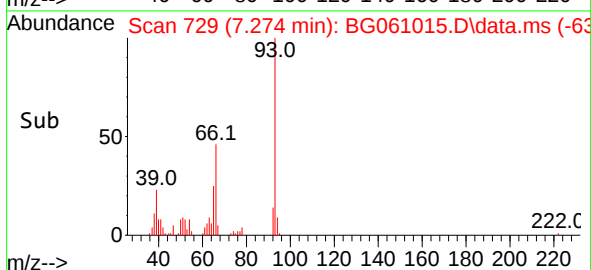
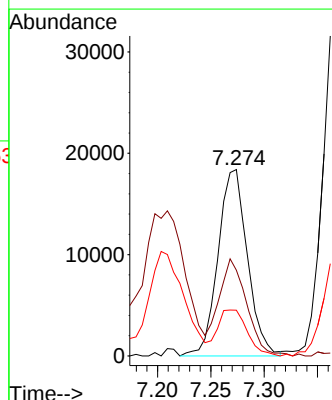
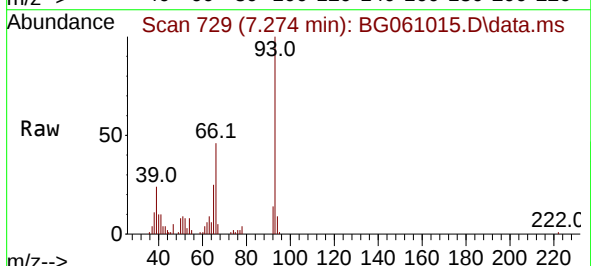
Instrument :
BNA_G
ClientSampleId :
SILICAMS

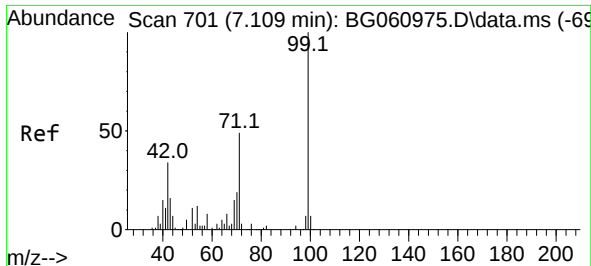
Tgt Ion:112 Resp: 155981
Ion Ratio Lower Upper
112 100
64 66.6 53.7 80.5
63 43.2 37.0 55.6



#6
Aniline
Concen: 14.989 ng
RT: 7.274 min Scan# 729
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 93 Resp: 35299
Ion Ratio Lower Upper
93 100
66 46.0 37.9 56.9
65 24.6 18.2 27.4

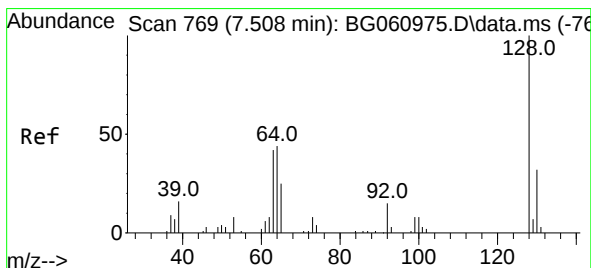
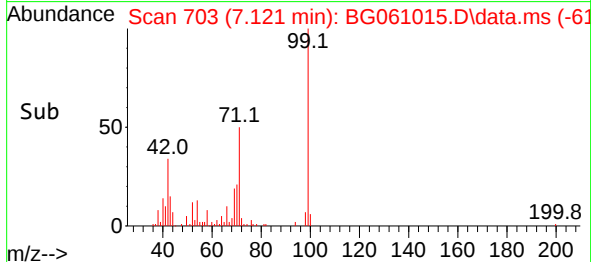
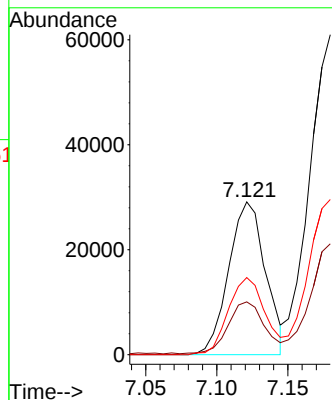
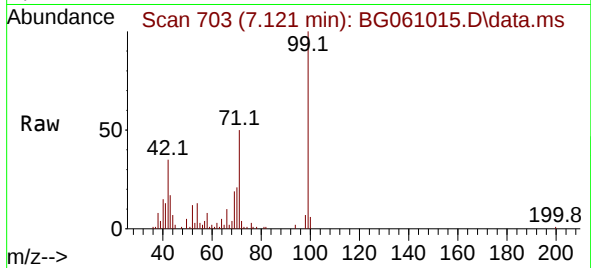




#7
Phenol-d6
Concen: 26.659 ng
RT: 7.121 min Scan# 701
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

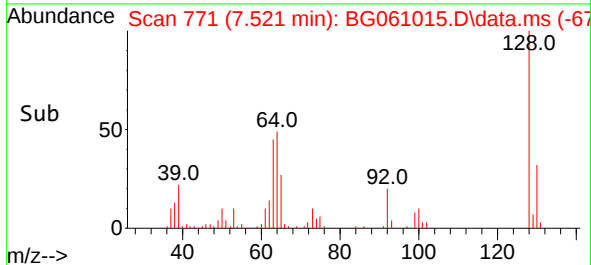
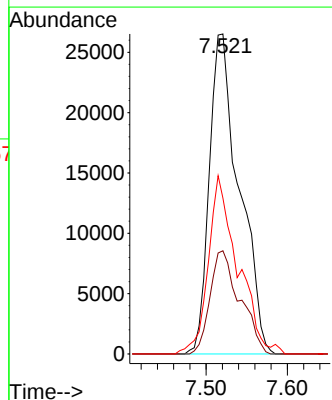
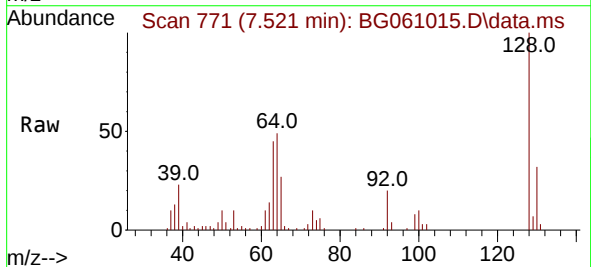
Instrument :
BNA_G
ClientSampleId :
SILICAMS

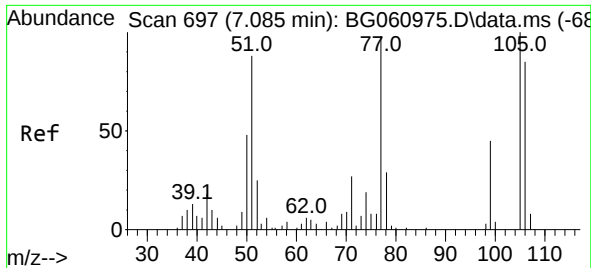
Tgt Ion: 99 Resp: 52238
Ion Ratio Lower Upper
99 100
42 34.6 27.2 40.8
71 50.4 38.8 58.2



#8
2-Chlorophenol
Concen: 41.291 ng
RT: 7.521 min Scan# 771
Delta R.T. 0.012 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:128 Resp: 67944
Ion Ratio Lower Upper
128 100
130 32.2 12.2 52.2
64 48.7 30.8 70.8

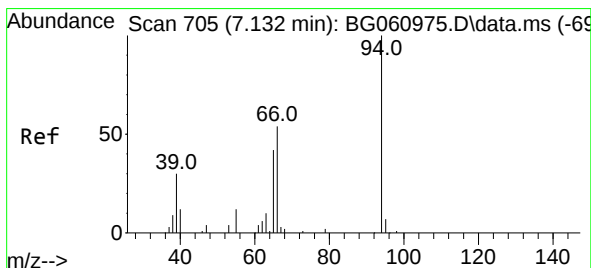
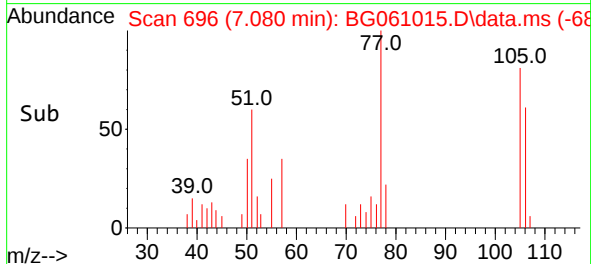
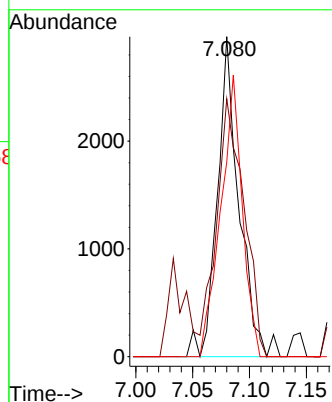
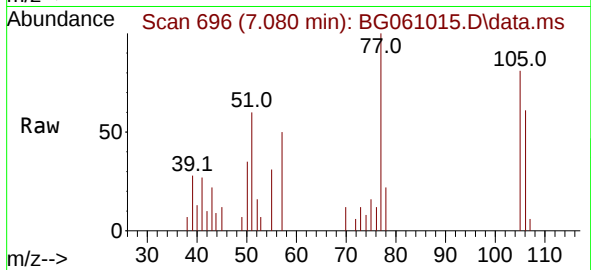




#9
Benzaldehyde
Concen: 3.914 ng
RT: 7.080 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

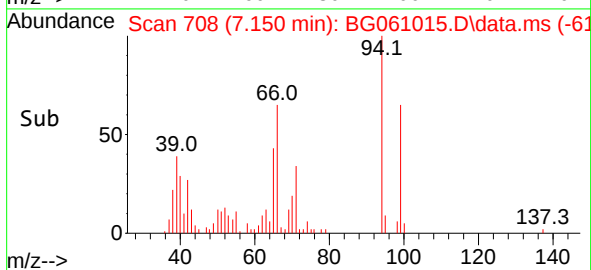
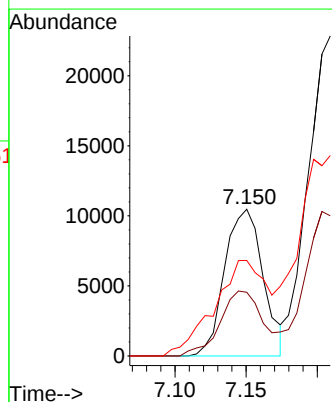
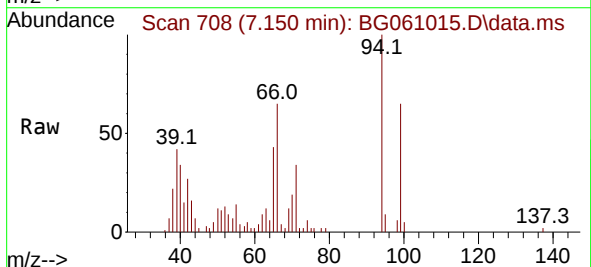
Instrument :
BNA_G
ClientSampleId :
SILICAMS

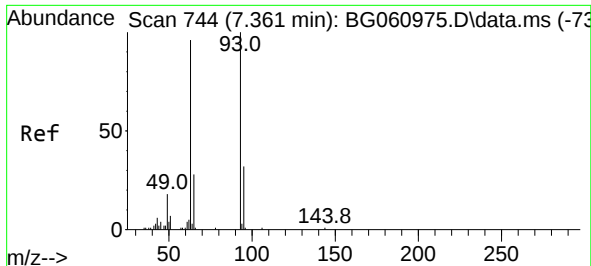
Tgt Ion: 77 Resp: 3945
Ion Ratio Lower Upper
77 100
105 80.6 81.7 121.7#
106 60.8 66.7 106.7#



#10
Phenol
Concen: 10.150 ng
RT: 7.150 min Scan# 708
Delta R.T. 0.018 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 94 Resp: 19760
Ion Ratio Lower Upper
94 100
65 43.4 23.1 63.1
66 65.1 38.0 78.0

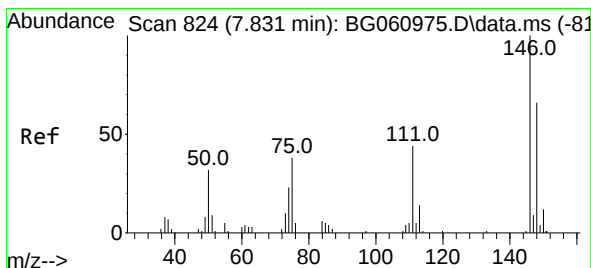
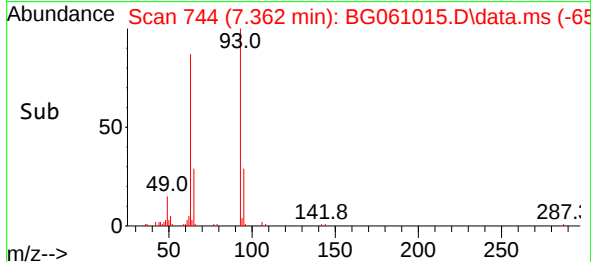
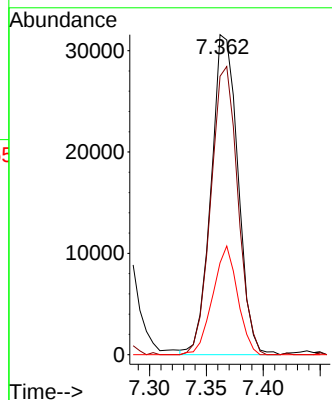
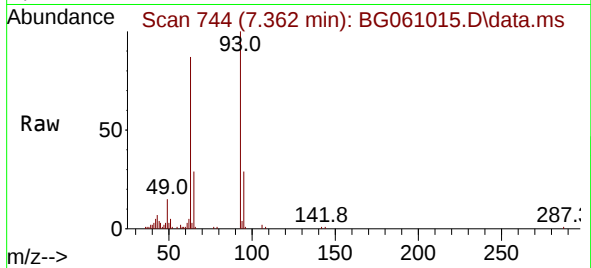




#11
bis(2-Chloroethyl)ether
Concen: 37.229 ng
RT: 7.362 min Scan# 744
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

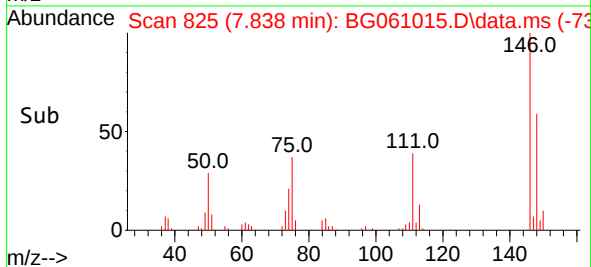
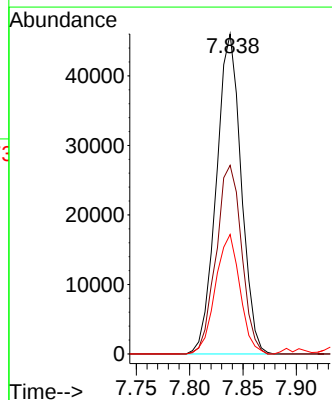
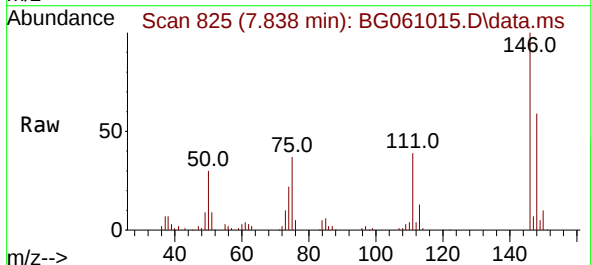
Instrument :
BNA_G
ClientSampleId :
SILICAMS

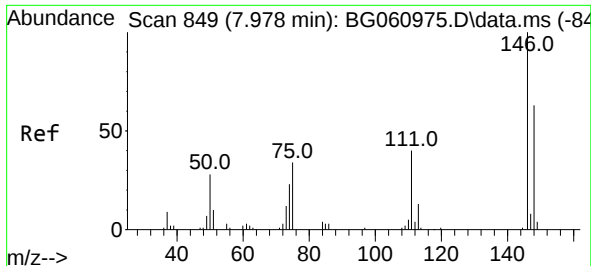
Tgt Ion: 93 Resp: 51853
Ion Ratio Lower Upper
93 100
63 87.0 75.6 115.6
95 28.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.891 ng
RT: 7.838 min Scan# 825
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:146 Resp: 74617
Ion Ratio Lower Upper
146 100
148 59.0 52.7 79.1
75 37.3 30.1 45.1





#13

1,4-Dichlorobenzene

Concen: 40.213 ng

RT: 7.979 min Scan# 849

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

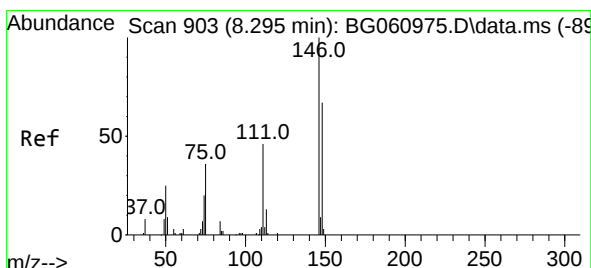
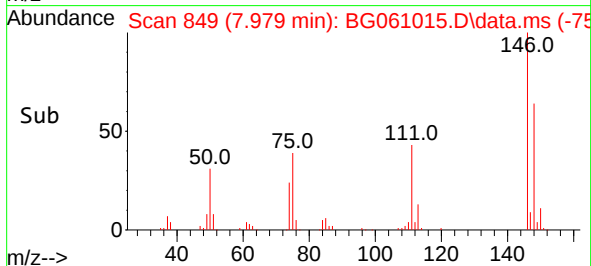
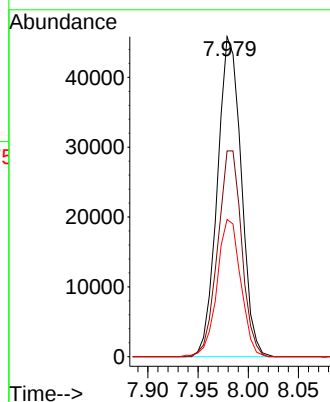
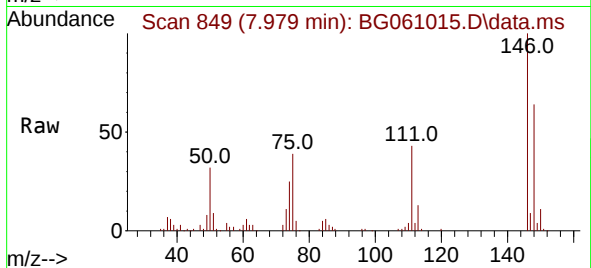
Tgt Ion:146 Resp: 75585

Ion Ratio Lower Upper

146 100

148 64.3 50.4 75.6

111 42.9 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 39.340 ng

RT: 8.296 min Scan# 903

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

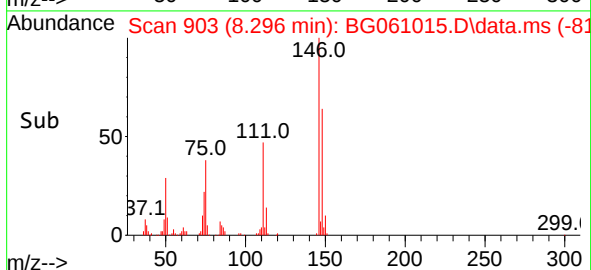
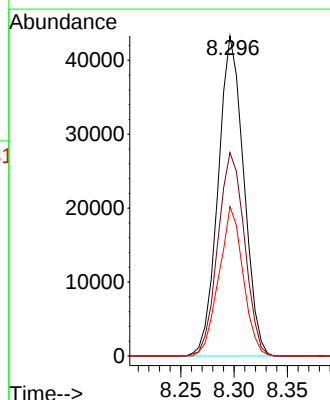
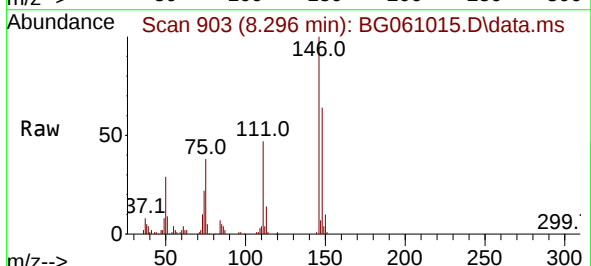
Tgt Ion:146 Resp: 72264

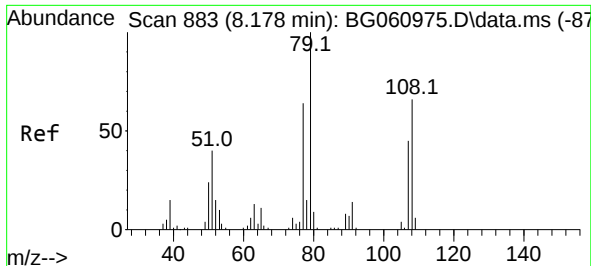
Ion Ratio Lower Upper

146 100

148 63.6 53.8 80.8

111 46.7 38.2 57.2

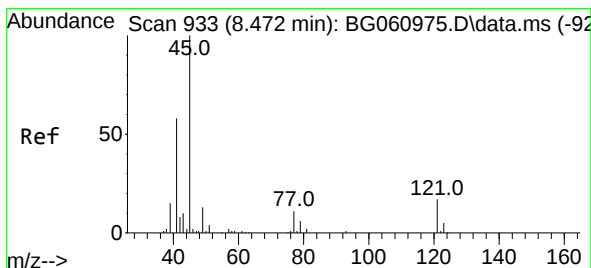
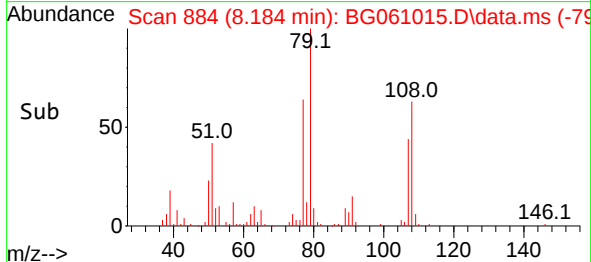
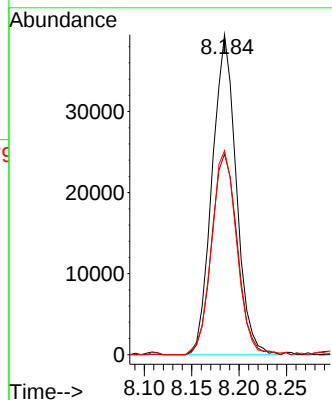
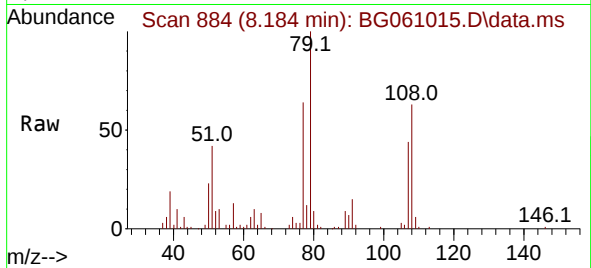




#15
Benzyl Alcohol
Concen: 37.674 ng
RT: 8.184 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

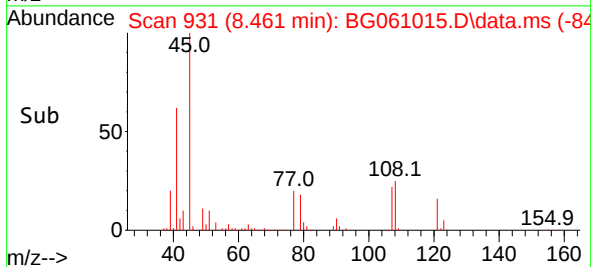
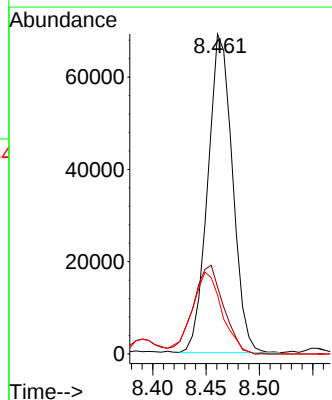
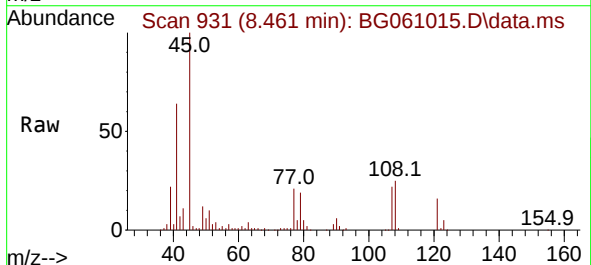
Instrument :
BNA_G
ClientSampleId :
SILICAMS

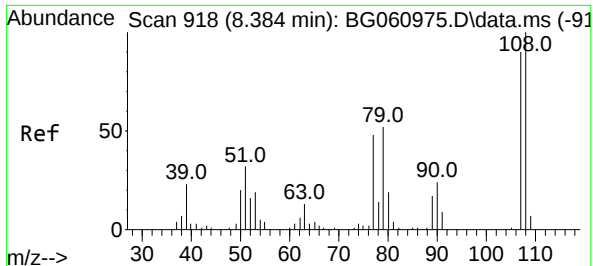
Tgt Ion: 79 Resp: 69700
Ion Ratio Lower Upper
79 100
108 62.7 53.0 79.6
77 63.8 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.741 ng
RT: 8.461 min Scan# 931
Delta R.T. -0.011 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion: 45 Resp: 111399
Ion Ratio Lower Upper
45 100
77 21.0 0.0 30.6
79 18.5 0.0 26.6

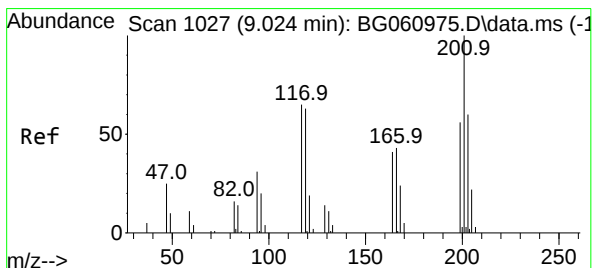
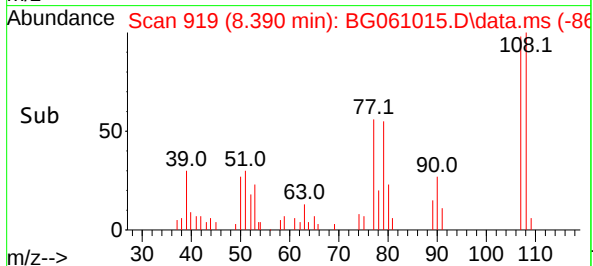
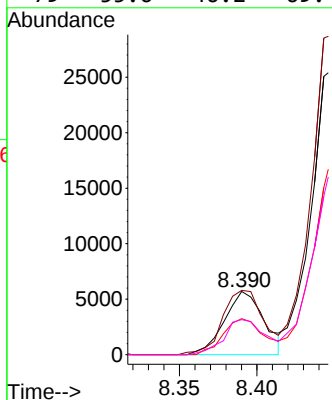
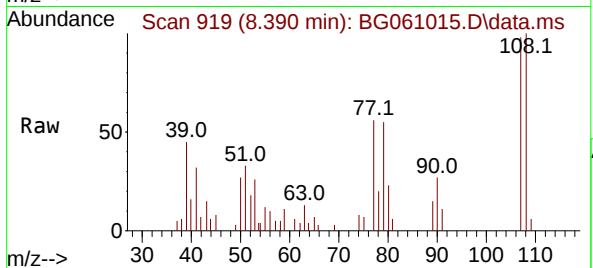




#17
2-Methylphenol
Concen: 6.420 ng
RT: 8.390 min Scan# 918
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

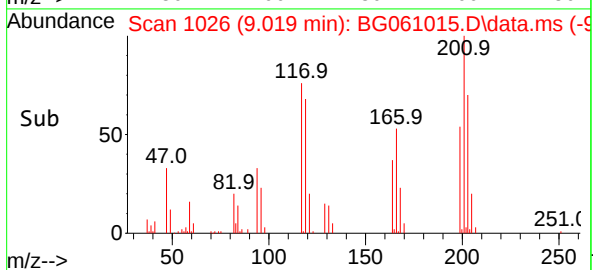
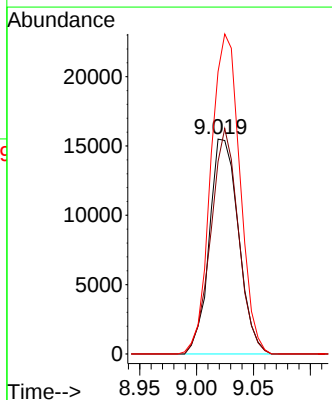
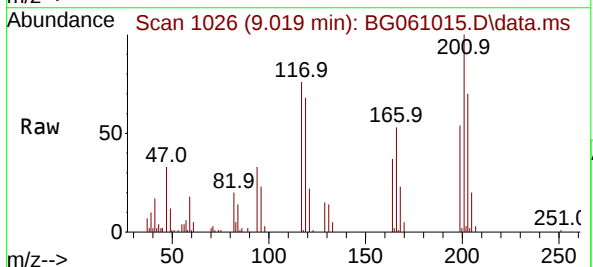
Instrument :
BNA_G
ClientSampleId :
SILICAMS

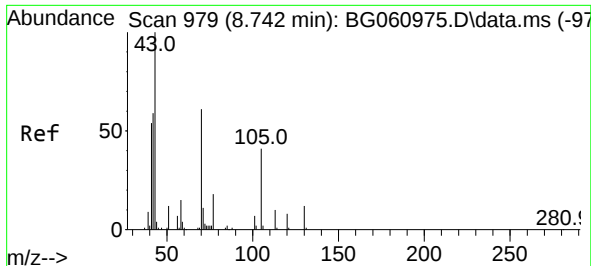
Tgt Ion:	107	Resp:	10091
Ion	Ratio	Lower	Upper
107	100		
108	101.8	89.2	133.8
77	57.0	43.0	64.6
79	55.6	46.2	69.4



#18
Hexachloroethane
Concen: 40.847 ng
RT: 9.019 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:	117	Resp:	27665
Ion	Ratio	Lower	Upper
117	100		
119	89.5	79.8	119.8
201	131.3	124.0	186.0

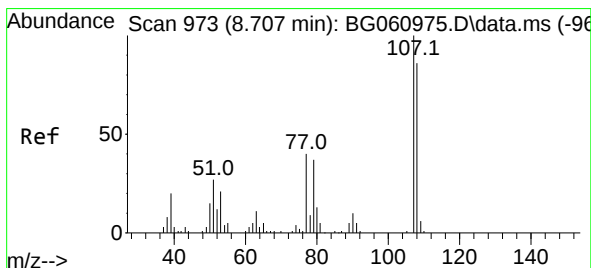
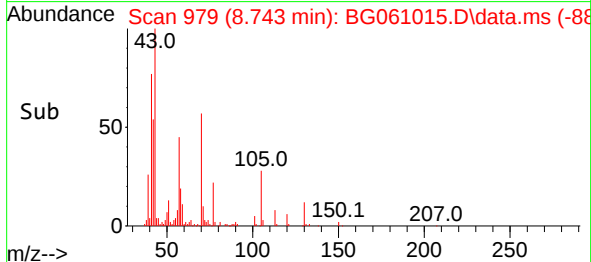
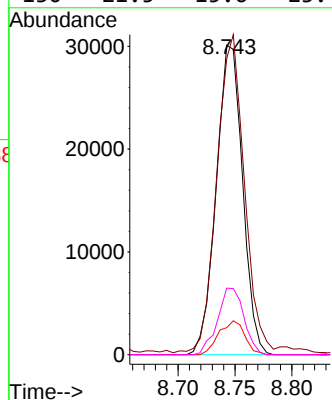
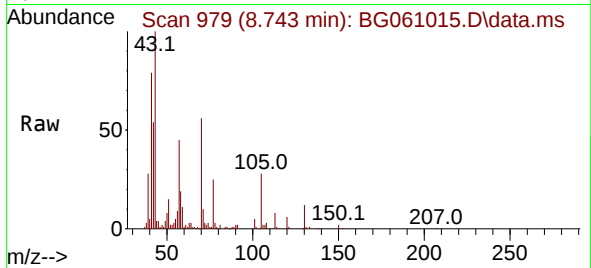




#19
n-Nitroso-di-n-propylamine
Concen: 33.203 ng
RT: 8.743 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

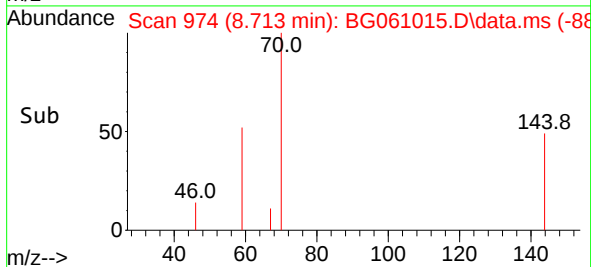
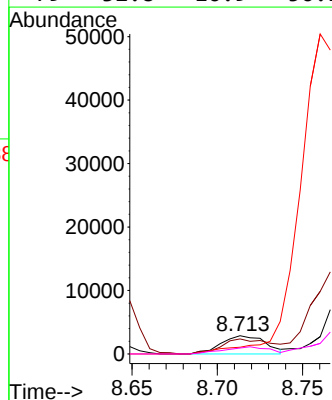
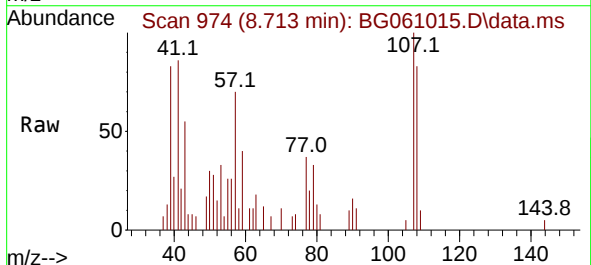
Instrument :
BNA_G
ClientSampleId :
SILICAMS

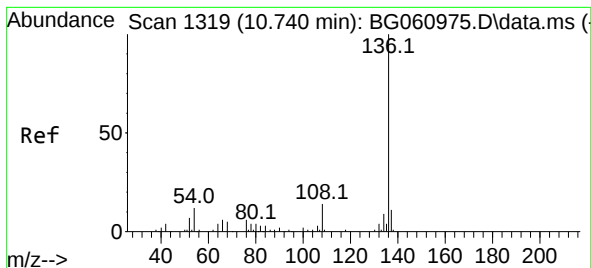
Tgt Ion:	70	Resp:	48485
Ion	Ratio	Lower	Upper
70	100		
42	95.8	78.0	117.0
101	8.8	8.6	13.0
130	21.5	15.6	23.4



#20
3+4-Methylphenols
Concen: 2.372 ng
RT: 8.713 min Scan# 974
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:	107	Resp:	5215
Ion	Ratio	Lower	Upper
107	100		
108	82.6	66.5	106.5
77	36.6	19.9	59.9
79	32.8	16.9	56.9

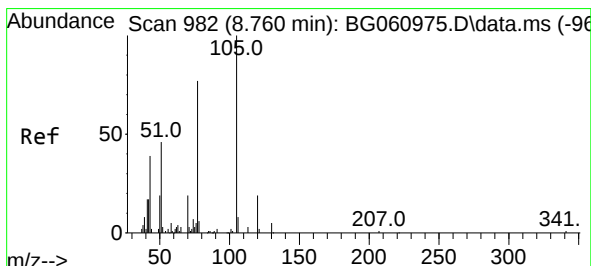
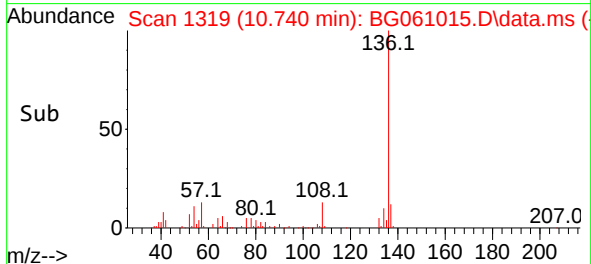
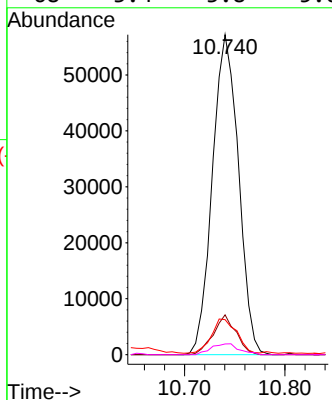
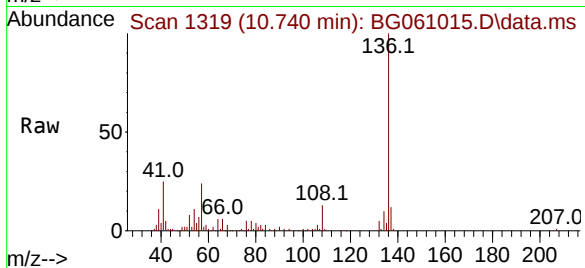




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

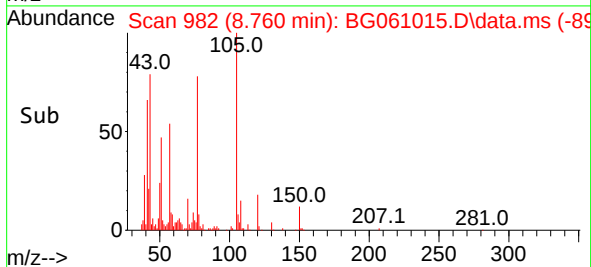
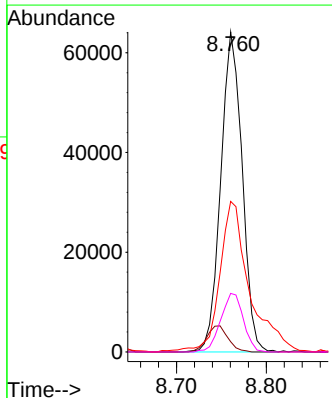
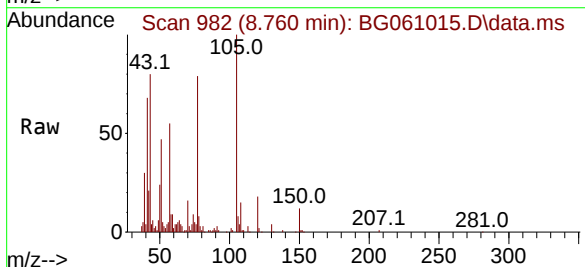
Instrument :
BNA_G
ClientSampleId :
SILICAMS

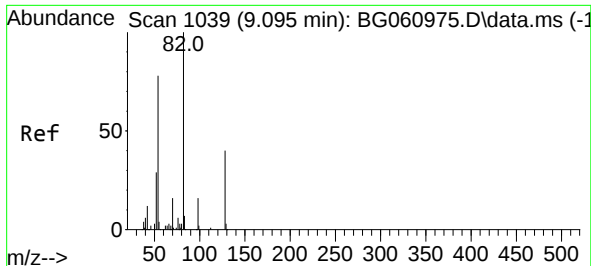
Tgt Ion:136 Resp: 103162
Ion Ratio Lower Upper
136 100
137 12.5 8.5 12.7
54 11.0 9.4 14.0
68 3.4 3.8 5.6#



#22
Acetophenone
Concen: 36.863 ng
RT: 8.760 min Scan# 982
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:105 Resp: 106188
Ion Ratio Lower Upper
105 100
71 3.2 2.5 3.7
51 47.1 37.8 56.6
120 18.3 15.2 22.8





#23

Nitrobenzene-d5

Concen: 69.444 ng

RT: 9.101 min Scan# 1040

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

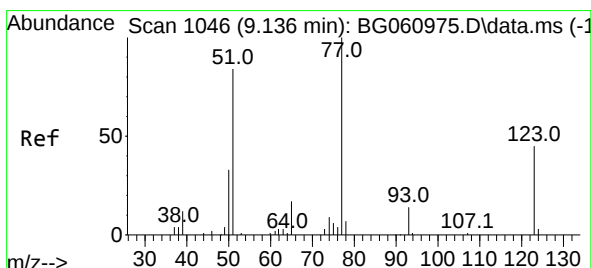
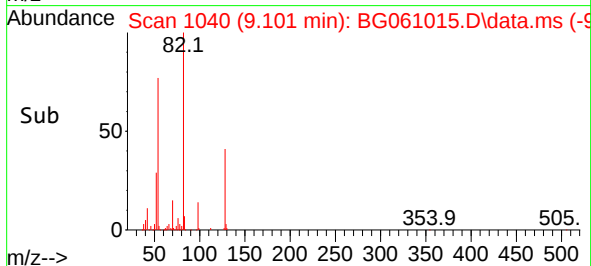
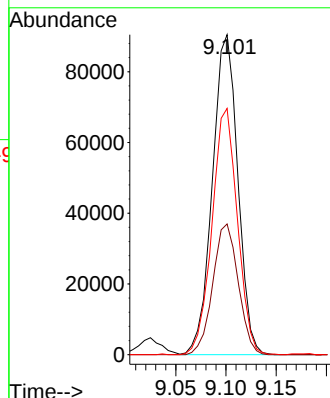
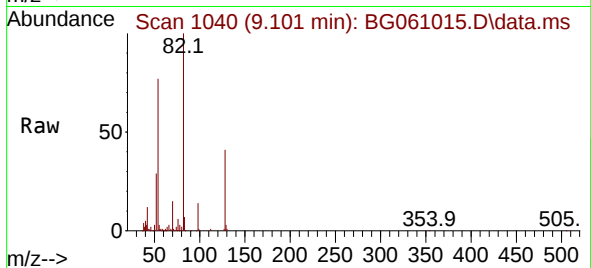
Tgt Ion: 82 Resp: 159451

Ion Ratio Lower Upper

82 100

128 40.8 32.1 48.1

54 76.9 62.3 93.5



#24

Nitrobenzene

Concen: 36.660 ng

RT: 9.142 min Scan# 1047

Delta R.T. 0.006 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

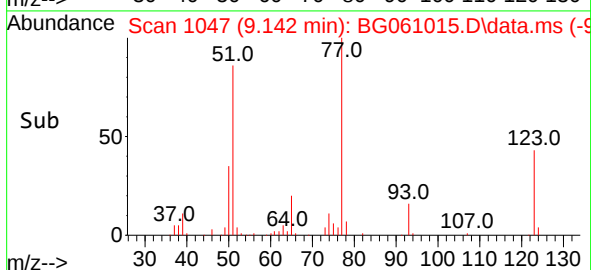
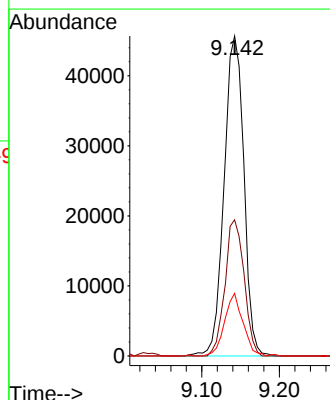
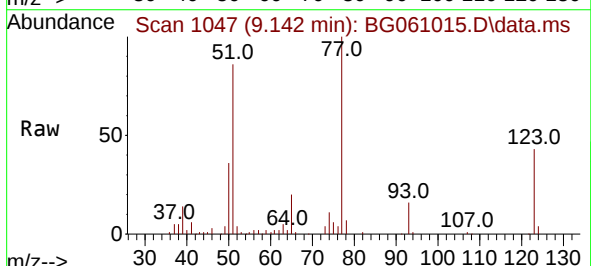
Tgt Ion: 77 Resp: 80886

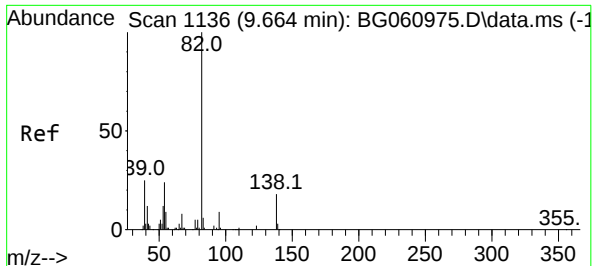
Ion Ratio Lower Upper

77 100

123 42.6 35.9 53.9

65 19.6 13.3 19.9





#25

Isophorone

Concen: 36.359 ng

RT: 9.665 min Scan# 1136

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

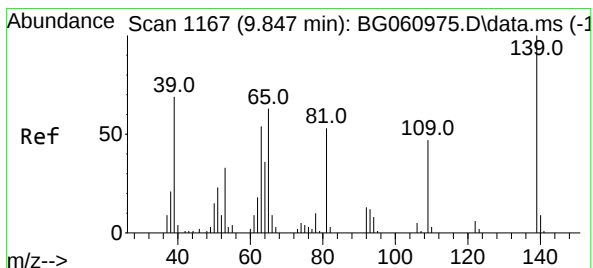
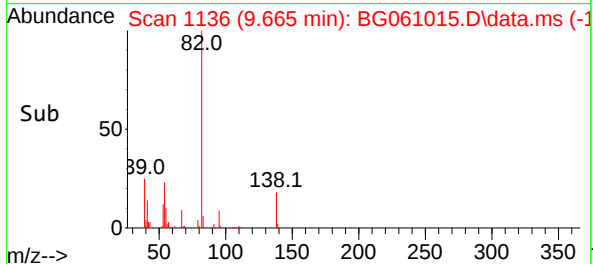
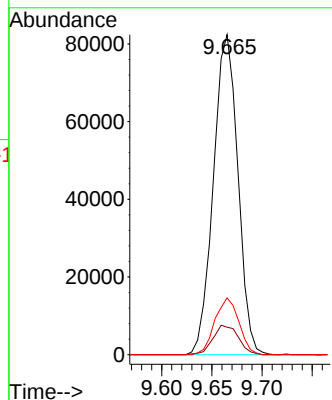
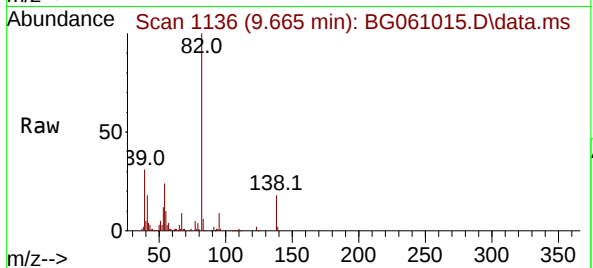
Tgt Ion: 82 Resp: 139715

Ion Ratio Lower Upper

82 100

95 8.6 7.6 11.4

138 17.8 14.2 21.2



#26

2-Nitrophenol

Concen: 38.538 ng

RT: 9.847 min Scan# 1167

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

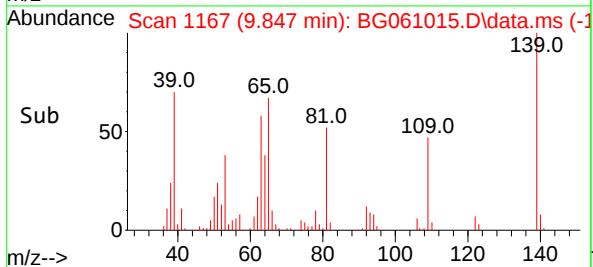
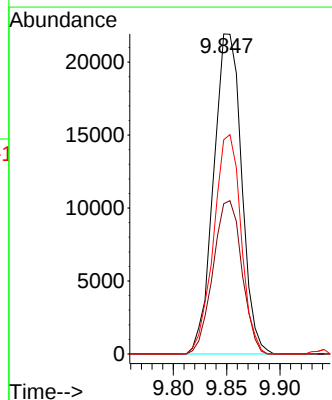
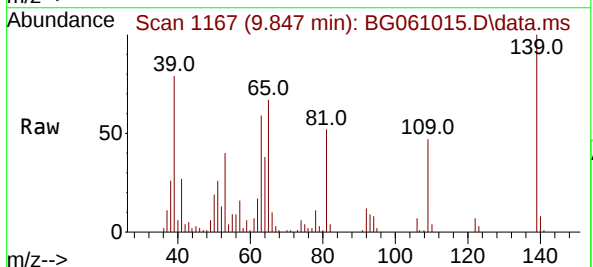
Tgt Ion:139 Resp: 39962

Ion Ratio Lower Upper

139 100

109 46.9 37.4 56.2

65 67.0 50.4 75.6





#27

2,4-Dimethylphenol

Concen: 30.666 ng

RT: 9.988 min Scan# 1191

Delta R.T. 0.077 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

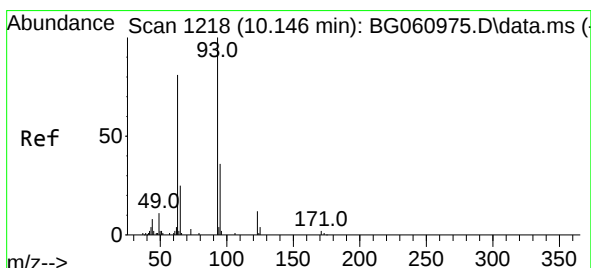
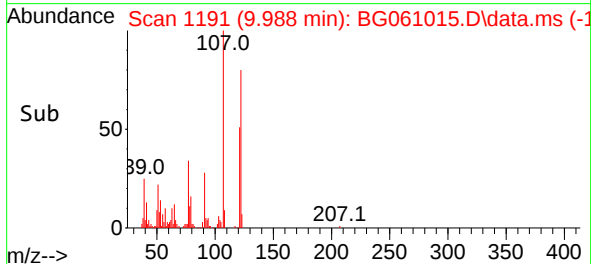
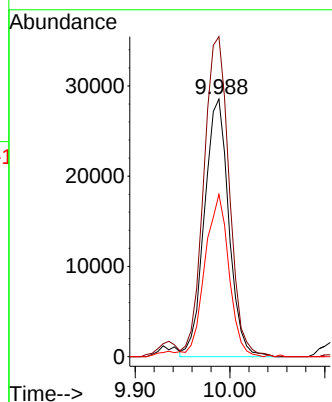
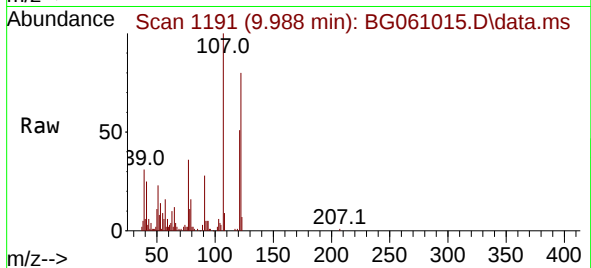
Tgt Ion:122 Resp: 50970

Ion Ratio Lower Upper

122 100

107 124.3 98.7 148.1

121 63.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 38.065 ng

RT: 10.147 min Scan# 1218

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

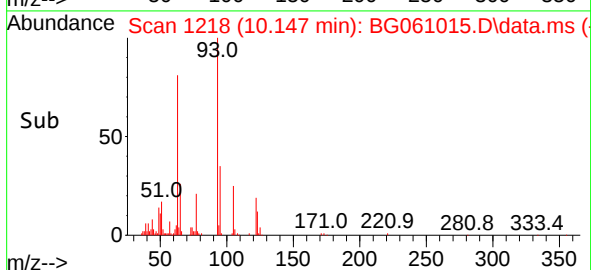
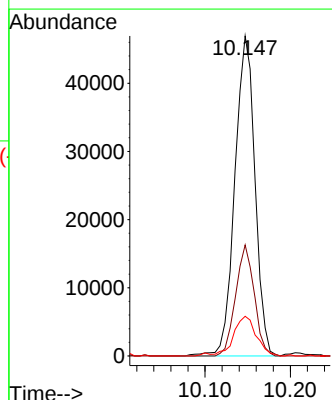
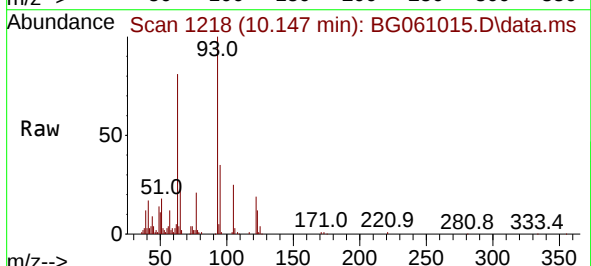
Tgt Ion: 93 Resp: 76945

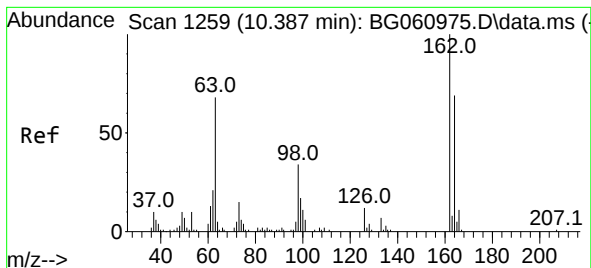
Ion Ratio Lower Upper

93 100

95 34.7 28.8 43.2

123 12.4 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 41.252 ng

RT: 10.488 min Scan# 1276

Delta R.T. 0.101 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

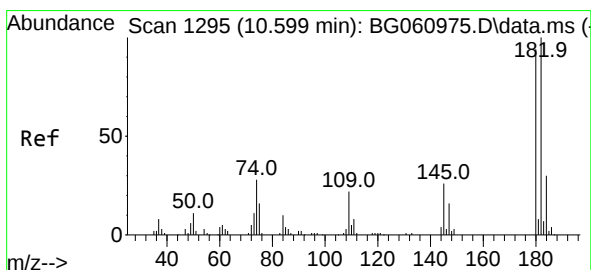
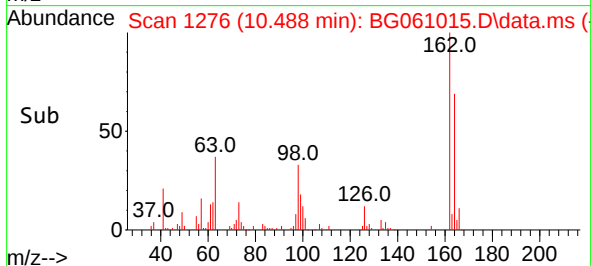
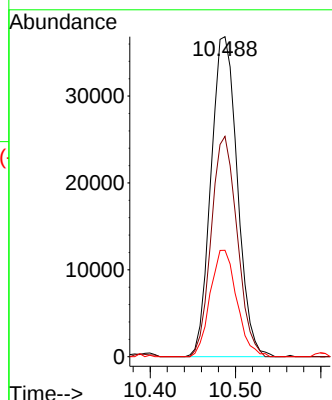
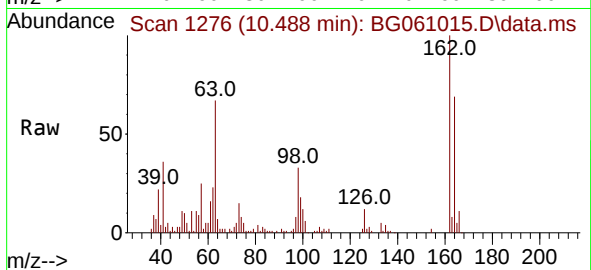
Tgt Ion:162 Resp: 79133

Ion Ratio Lower Upper

162 100

164 68.8 49.0 89.0

98 33.3 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 42.836 ng

RT: 10.605 min Scan# 1296

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

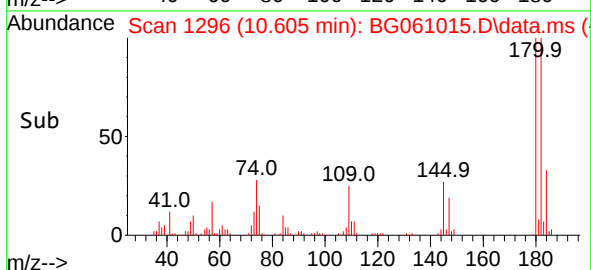
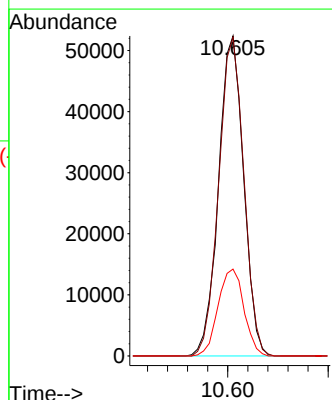
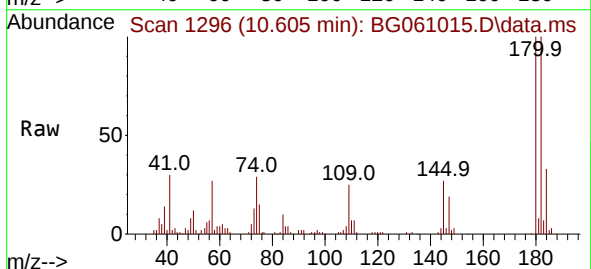
Tgt Ion:180 Resp: 90664

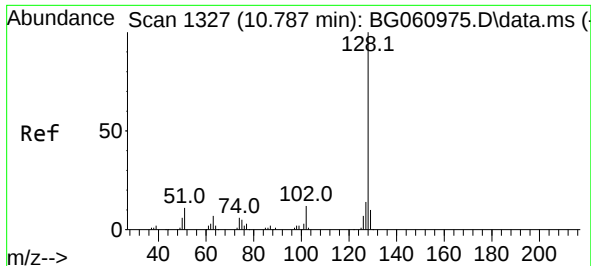
Ion Ratio Lower Upper

180 100

182 99.6 85.4 128.2

145 27.2 22.6 33.8

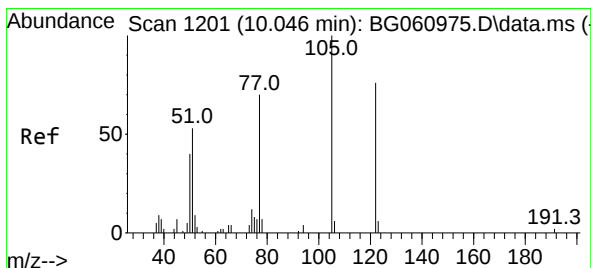
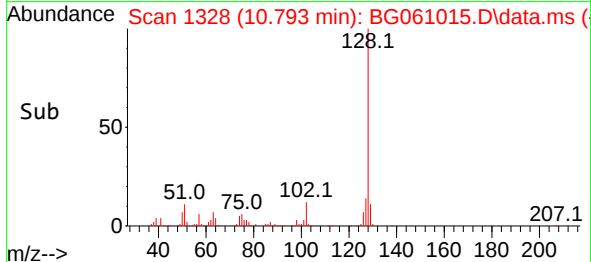
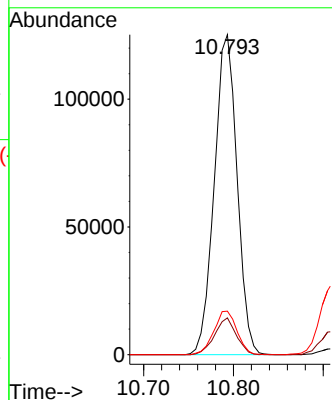
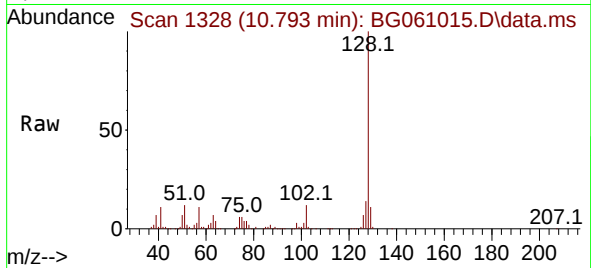




#31
Naphthalene
Concen: 38.997 ng
RT: 10.793 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

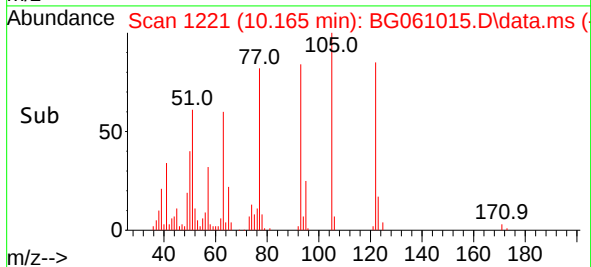
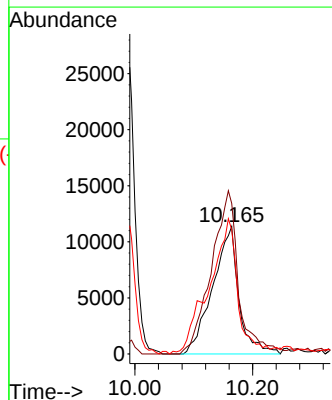
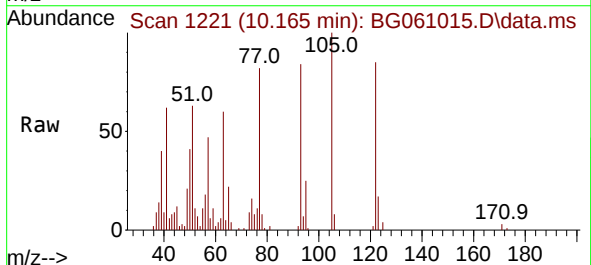
Instrument :
BNA_G
ClientSampleId :
SILICAMS

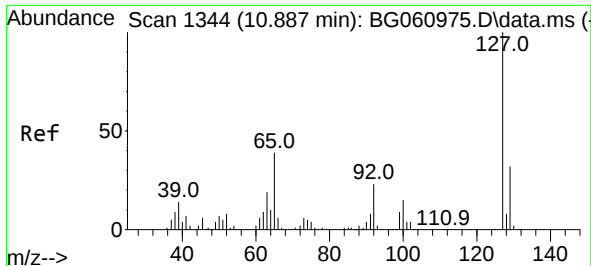
Tgt Ion:128 Resp: 220248
Ion Ratio Lower Upper
128 100
129 11.5 8.2 12.4
127 13.6 11.4 17.2



#32
Benzoic acid
Concen: 27.618 ng
RT: 10.165 min Scan# 1221
Delta R.T. 0.118 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:122 Resp: 34975
Ion Ratio Lower Upper
122 100
105 118.2 106.2 146.2
77 97.4 70.1 110.1

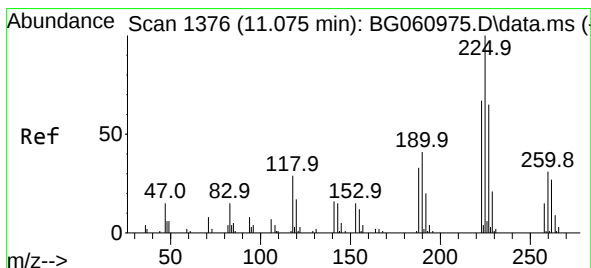
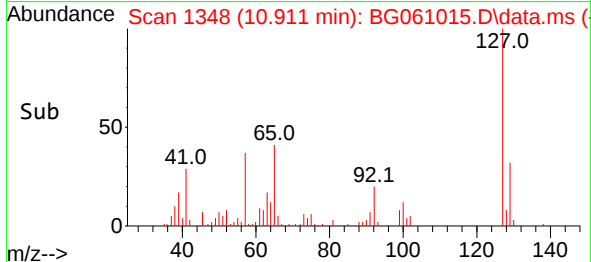
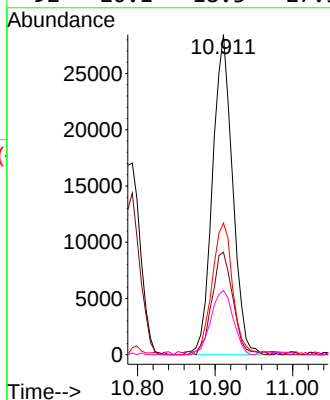
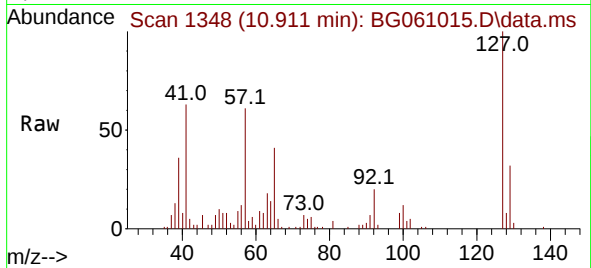




#33
4-Chloroaniline
Concen: 20.021 ng
RT: 10.911 min Scan# 1348
Delta R.T. 0.024 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

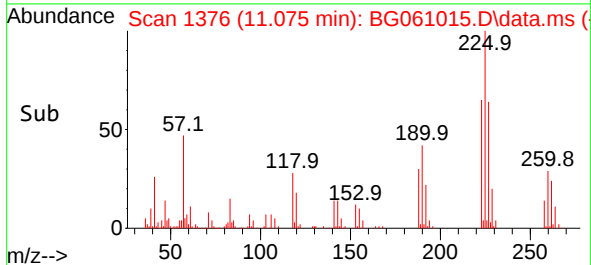
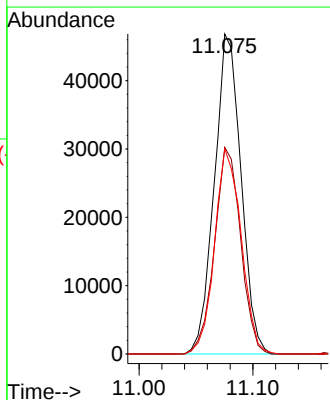
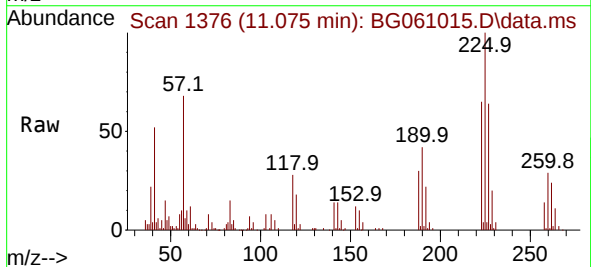
Instrument :
BNA_G
ClientSampleId :
SILICAMS

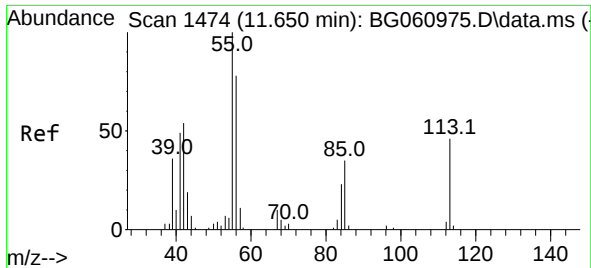
Tgt Ion:	127	Resp:	51367
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	41.1	31.4	47.0
92	20.1	18.3	27.5



#34
Hexachlorobutadiene
Concen: 41.029 ng
RT: 11.075 min Scan# 1376
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:	225	Resp:	76370
Ion	Ratio	Lower	Upper
225	100		
223	64.5	53.2	79.8
227	64.2	51.9	77.9

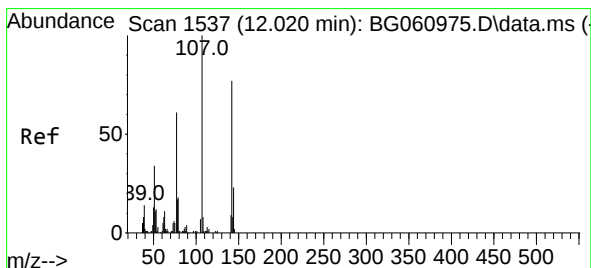
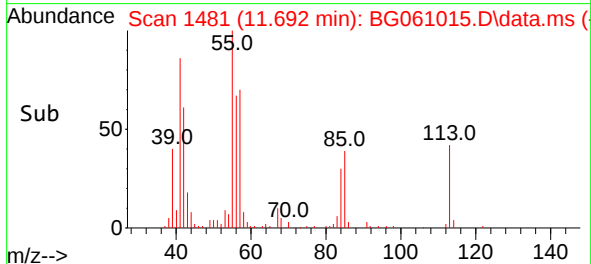
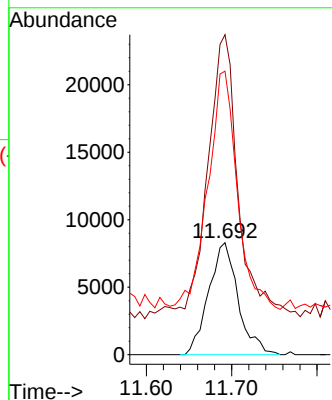
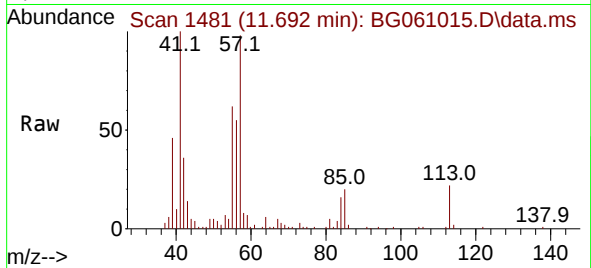




#35
 Caprolactam
 Concen: 32.644 ng
 RT: 11.692 min Scan# 1474
 Delta R.T. 0.042 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

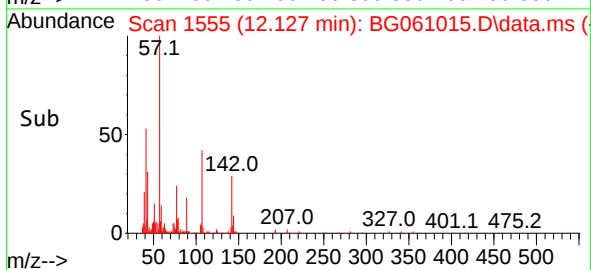
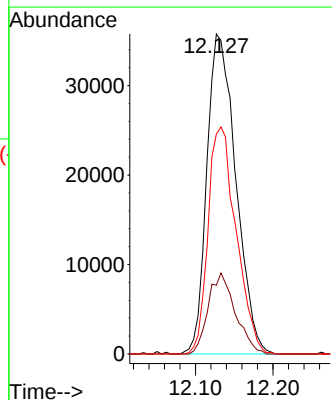
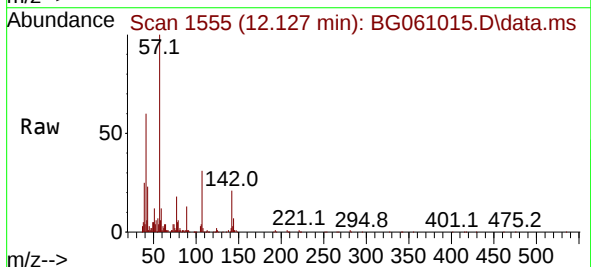
Instrument :
 BNA_G
 ClientSampleId :
 SILICAMS

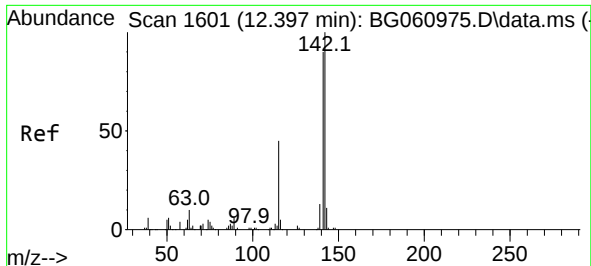
Tgt Ion:113 Resp: 19946
 Ion Ratio Lower Upper
 113 100
 55 285.5 197.9 237.9#
 56 253.0 151.1 191.1#



#36
 4-Chloro-3-methylphenol
 Concen: 41.598 ng
 RT: 12.127 min Scan# 1555
 Delta R.T. 0.106 min
 Lab File: BG061015.D
 Acq: 23 Apr 2024 20:02

Tgt Ion:107 Resp: 93067
 Ion Ratio Lower Upper
 107 100
 144 21.5 18.5 27.7
 142 68.7 61.4 92.0

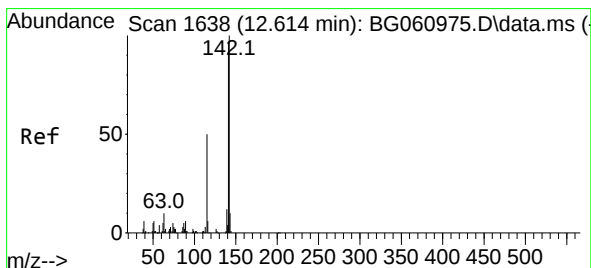
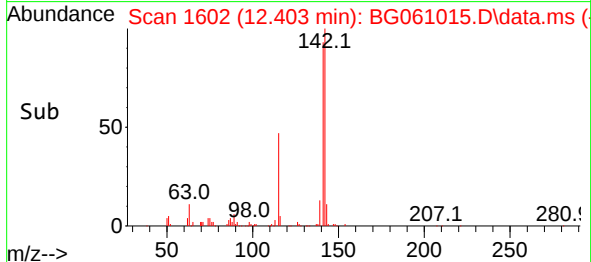
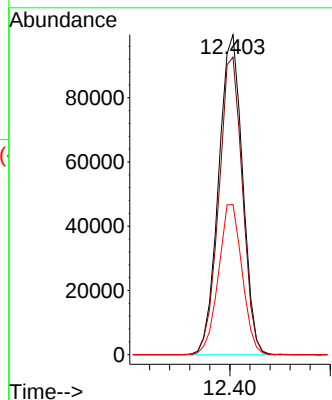
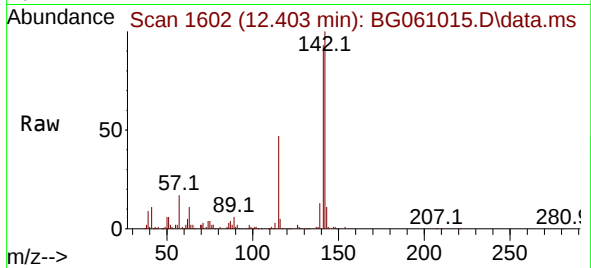




#37
2-Methylnaphthalene
Concen: 37.047 ng
RT: 12.403 min Scan# 1602
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

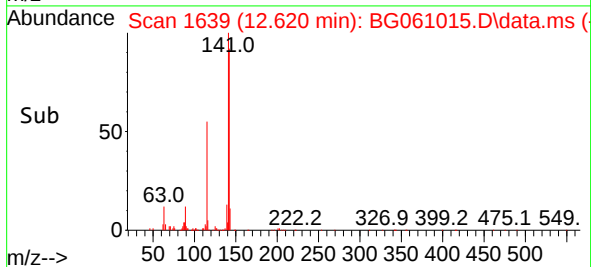
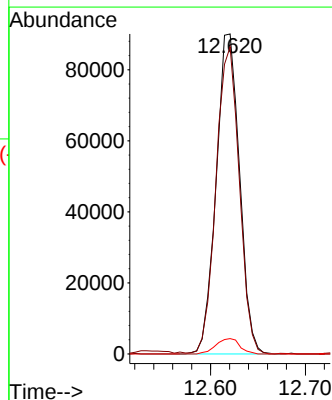
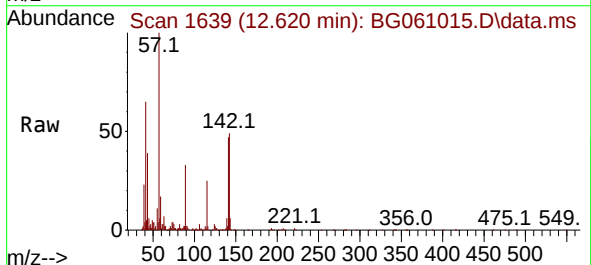
Instrument :
BNA_G
ClientSampleId :
SILICAMS

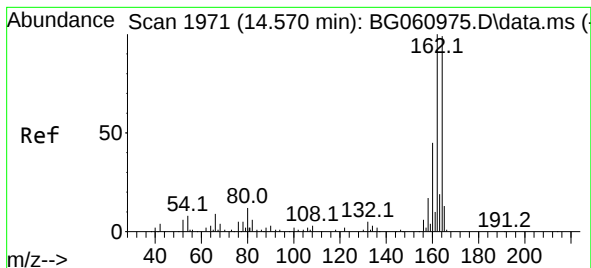
Tgt Ion:142 Resp: 164514
Ion Ratio Lower Upper
142 100
141 93.0 72.2 108.4
115 47.0 35.9 53.9



#38
1-Methylnaphthalene
Concen: 37.313 ng
RT: 12.620 min Scan# 1639
Delta R.T. 0.006 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:142 Resp: 154622
Ion Ratio Lower Upper
142 100
141 96.0 76.8 115.2
116 4.8 4.4 6.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.571 min Scan# 1971

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

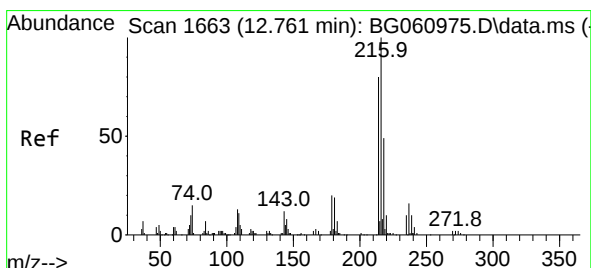
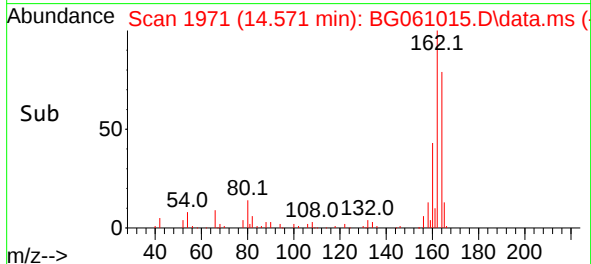
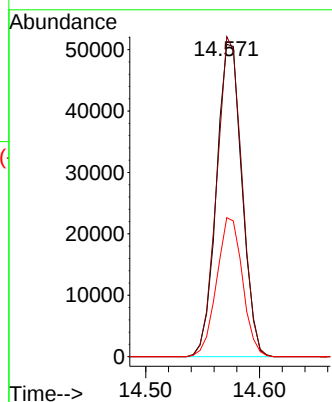
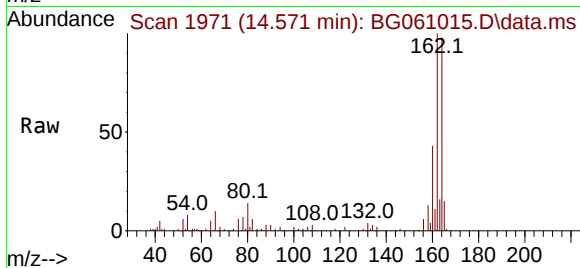
Tgt Ion:164 Resp: 79476

Ion Ratio Lower Upper

164 100

162 102.5 81.2 121.8

160 44.5 36.2 54.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.566 ng

RT: 12.773 min Scan# 1665

Delta R.T. 0.012 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:216 Resp: 134343

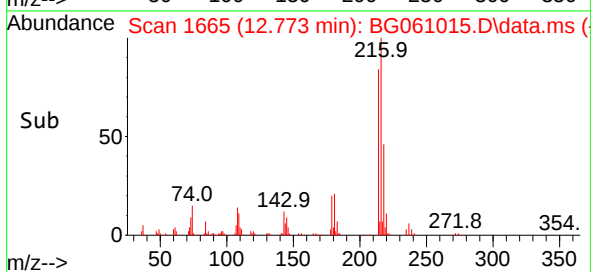
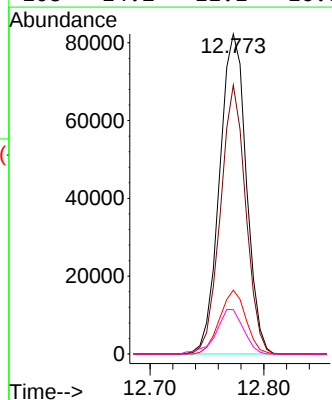
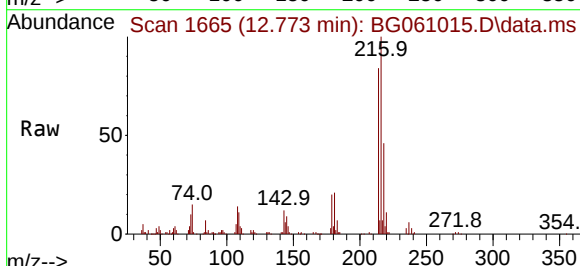
Ion Ratio Lower Upper

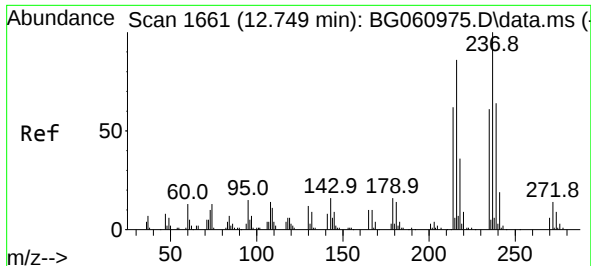
216 100

214 79.3 63.3 94.9

179 19.5 15.2 22.8

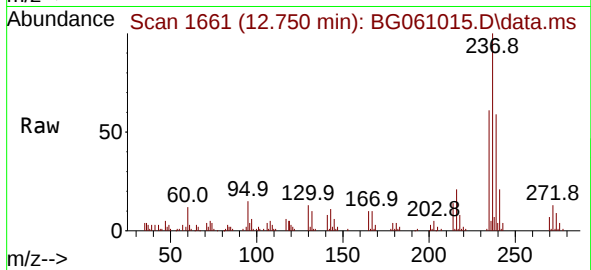
108 14.2 11.1 16.7



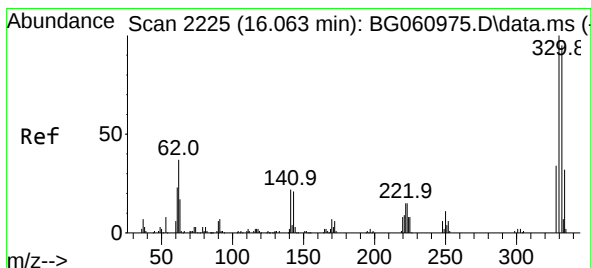
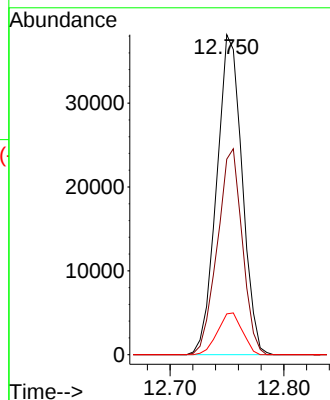
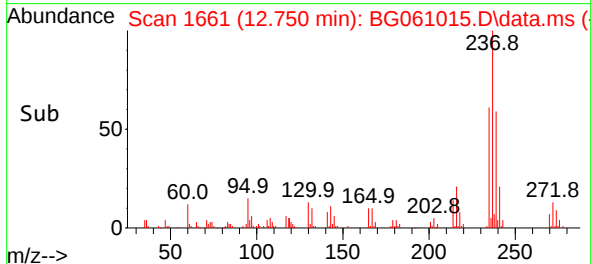


#41
Hexachlorocyclopentadiene
Concen: 35.653 ng
RT: 12.750 min Scan# 1661
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

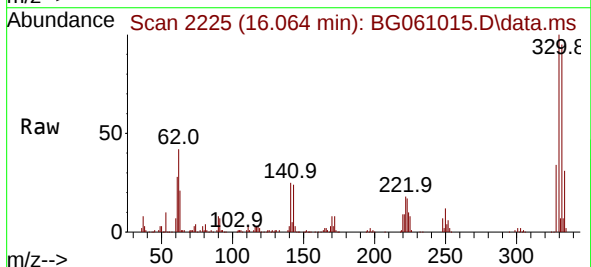
Instrument :
BNA_G
ClientSampleId :
SILICAMS



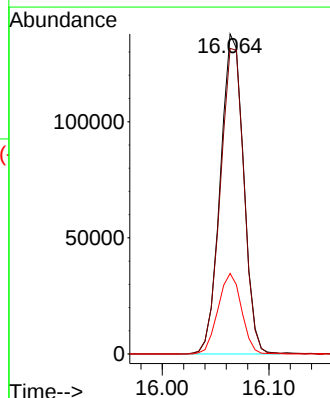
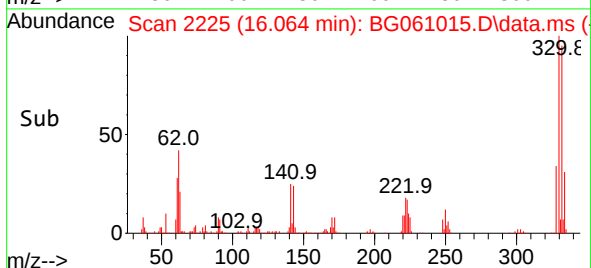
Tgt Ion:237 Resp: 59250
Ion Ratio Lower Upper
237 100
235 61.1 40.7 80.7
272 12.7 0.0 34.5

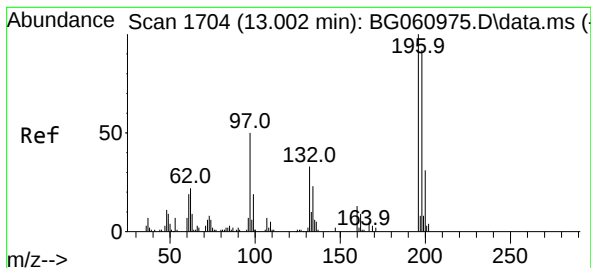


#42
2,4,6-Tribromophenol
Concen: 119.403 ng
RT: 16.064 min Scan# 2225
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02



Tgt Ion:330 Resp: 208387
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 25.4 20.6 31.0





#43

2,4,6-Trichlorophenol

Concen: 45.029 ng

RT: 13.008 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

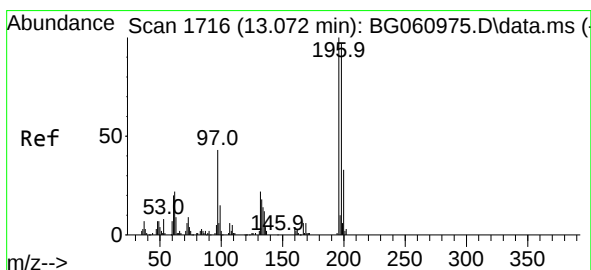
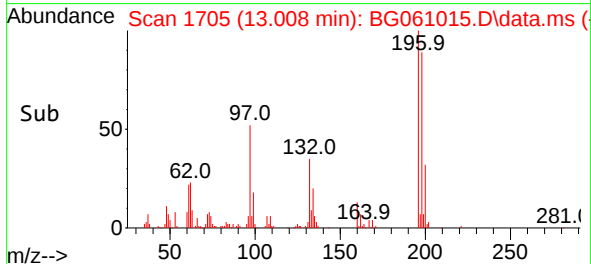
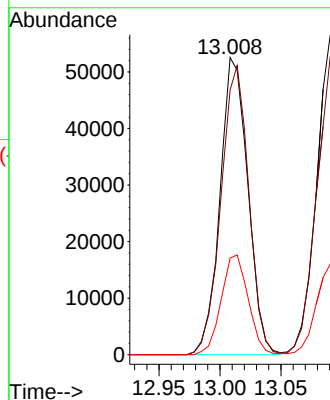
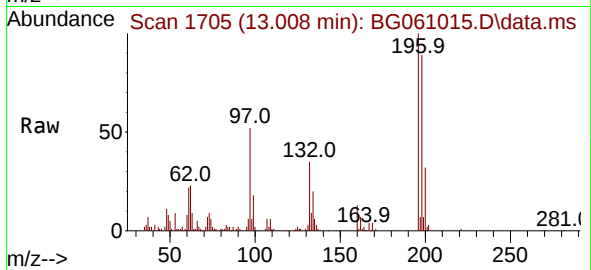
Tgt Ion:196 Resp: 83601

Ion Ratio Lower Upper

196 100

198 89.1 73.5 110.3

200 32.5 24.8 37.2



#44

2,4,5-Trichlorophenol

Concen: 43.187 ng

RT: 13.091 min Scan# 1719

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:196 Resp: 94847

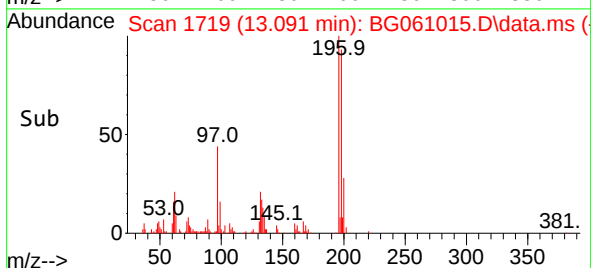
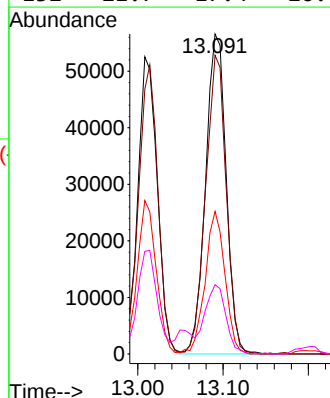
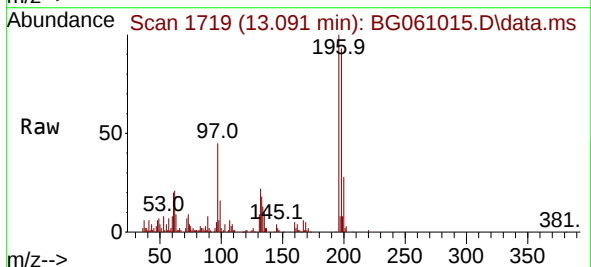
Ion Ratio Lower Upper

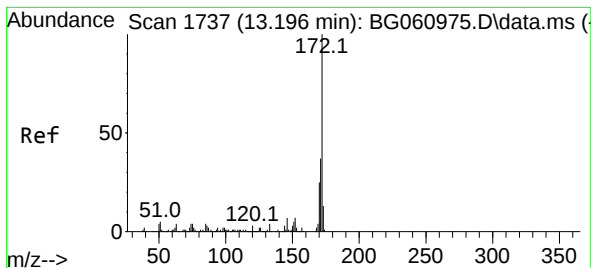
196 100

198 93.3 77.7 116.5

97 44.6 34.2 51.4

132 21.7 17.4 26.0





#45

2-Fluorobiphenyl

Concen: 80.917 ng

RT: 13.196 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

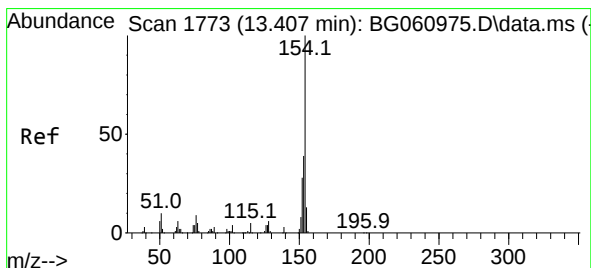
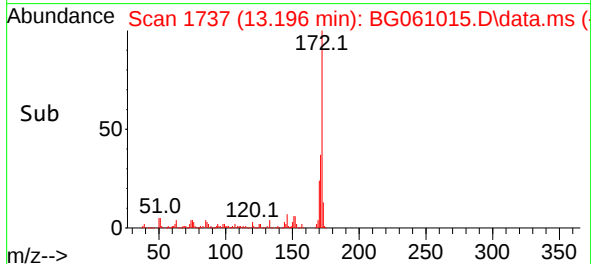
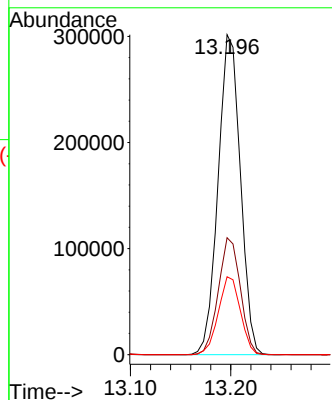
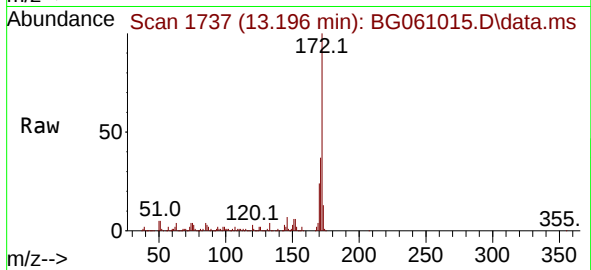
Tgt Ion:172 Resp: 464660

Ion Ratio Lower Upper

172 100

171 36.6 29.3 43.9

170 24.4 20.1 30.1



#46

1,1'-Biphenyl

Concen: 44.710 ng

RT: 13.408 min Scan# 1773

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

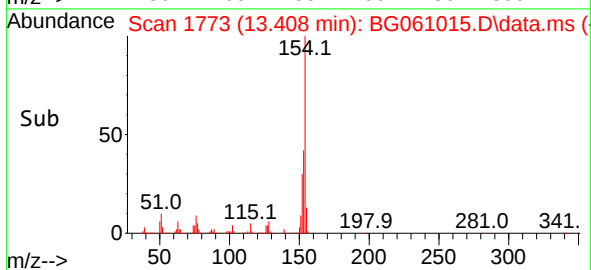
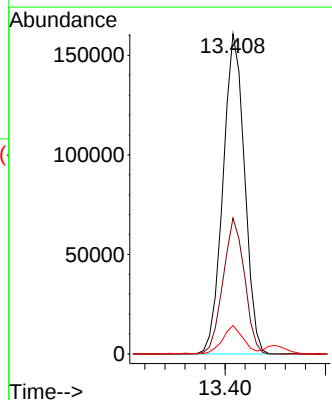
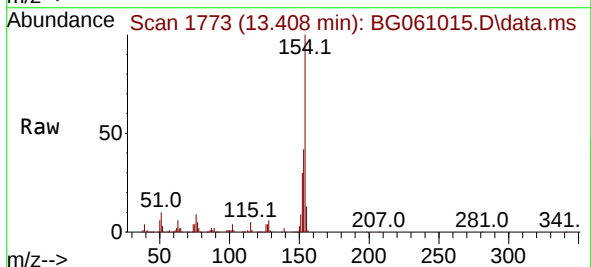
Tgt Ion:154 Resp: 239350

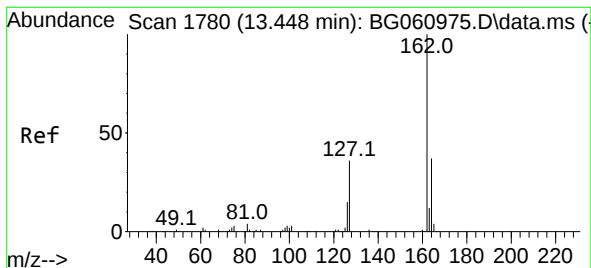
Ion Ratio Lower Upper

154 100

153 42.4 19.4 59.4

76 8.9 0.0 28.6





#47

2-Chloronaphthalene

Concen: 45.912 ng

RT: 13.449 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

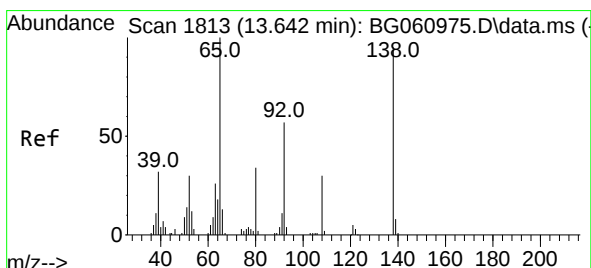
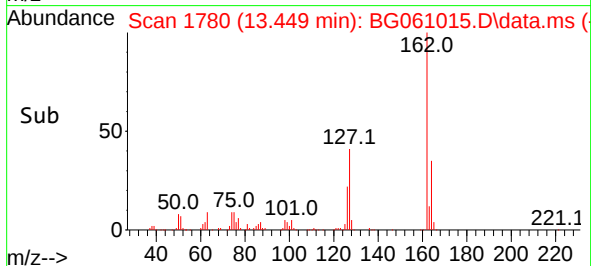
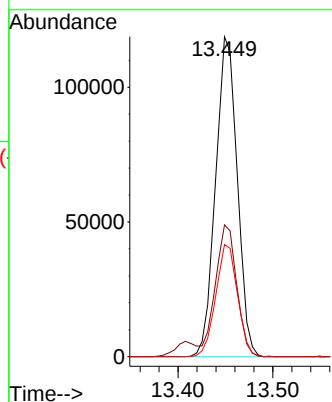
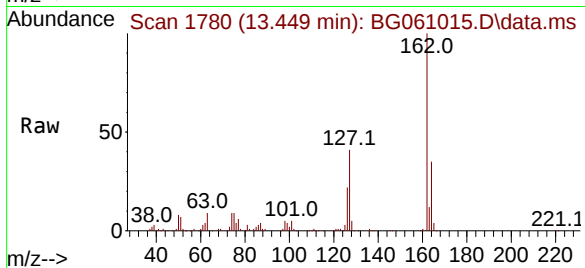
Tgt Ion:162 Resp: 188454

Ion Ratio Lower Upper

162 100

127 41.2 32.6 49.0

164 35.1 29.9 44.9



#48

2-Nitroaniline

Concen: 41.239 ng

RT: 13.649 min Scan# 1814

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

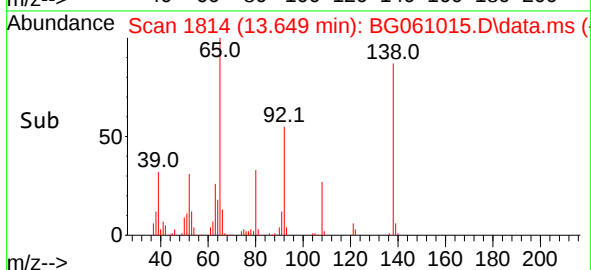
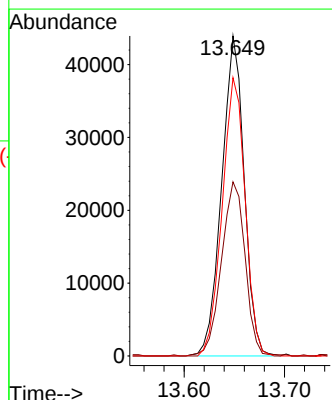
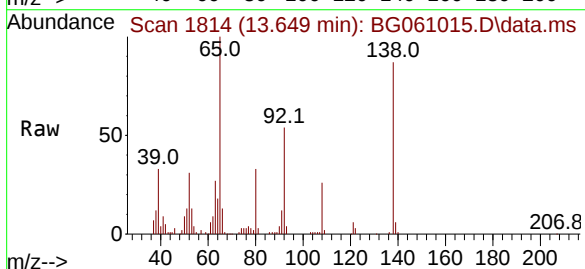
Tgt Ion: 65 Resp: 68316

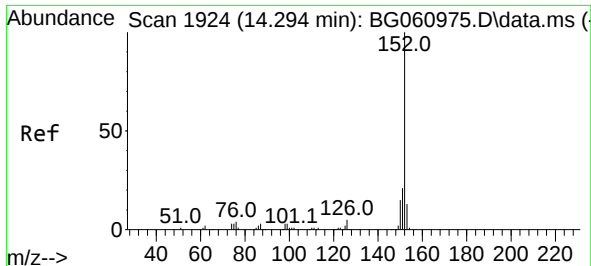
Ion Ratio Lower Upper

65 100

92 54.4 45.4 68.2

138 87.0 75.8 113.6

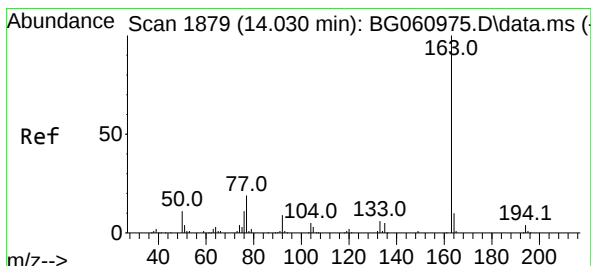
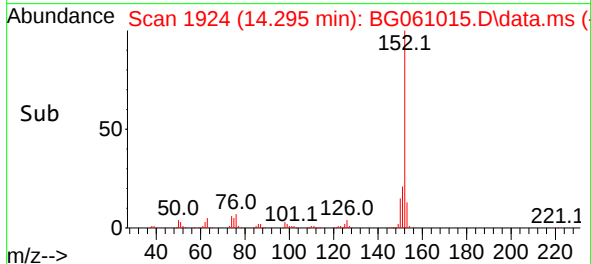
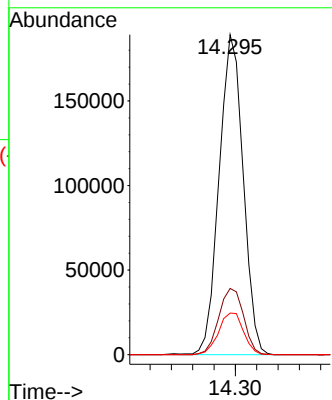
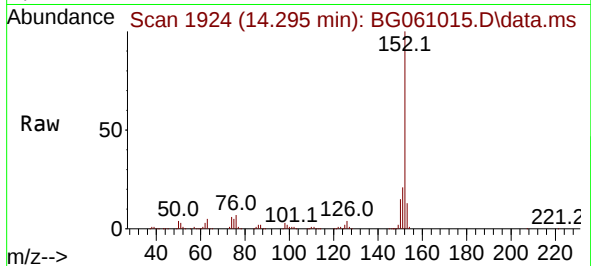




#49
Acenaphthylene
Concen: 42.798 ng
RT: 14.295 min Scan# 1924
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

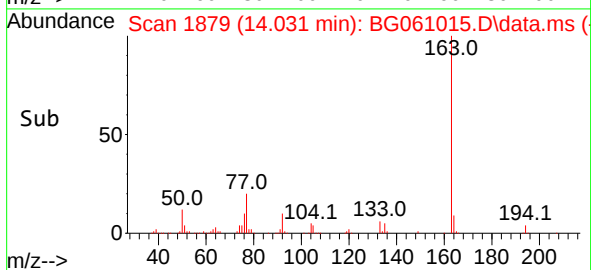
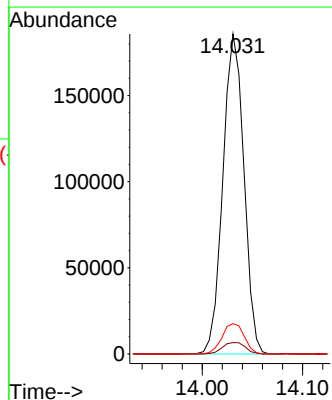
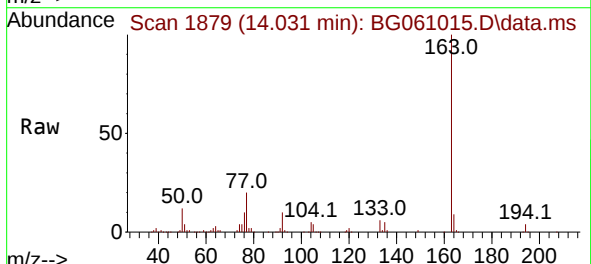
Instrument :
BNA_G
ClientSampleId :
SILICAMS

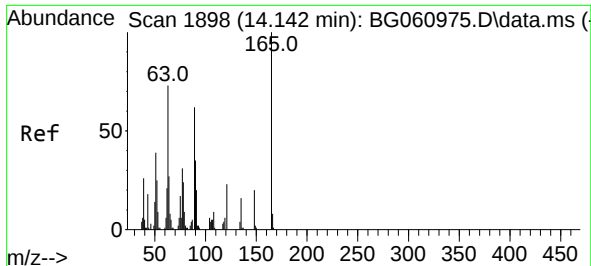
Tgt Ion:152 Resp: 295861
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 41.167 ng
RT: 14.031 min Scan# 1879
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:163 Resp: 269797
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.5 8.4 12.6

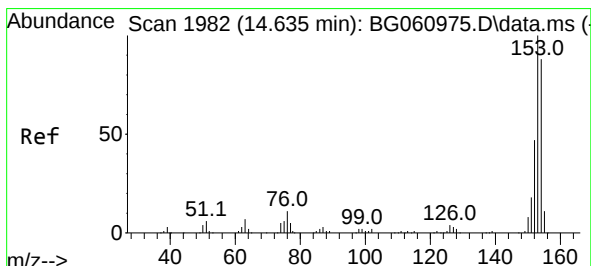
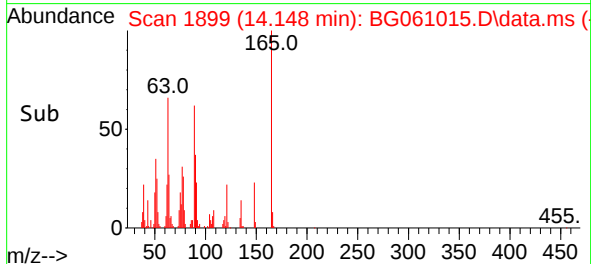
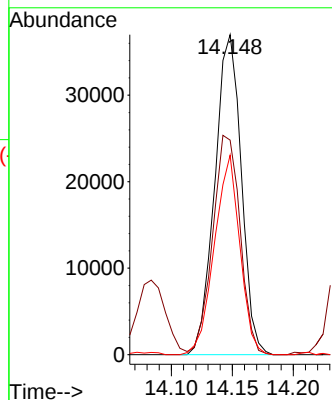
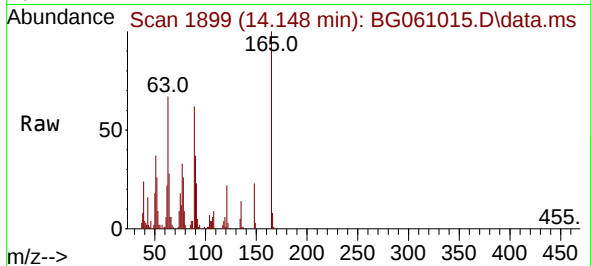




#51
2,6-Dinitrotoluene
Concen: 40.910 ng
RT: 14.148 min Scan# 1898
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

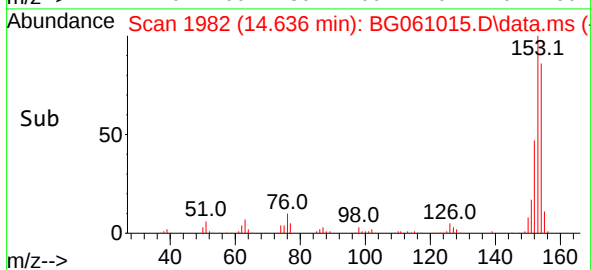
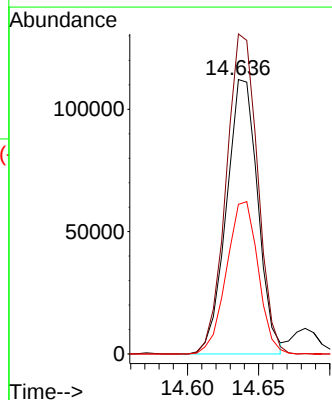
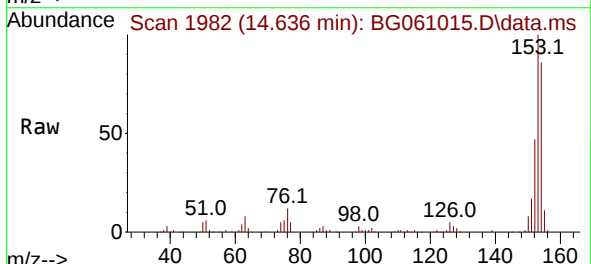
Instrument :
BNA_G
ClientSampleId :
SILICAMS

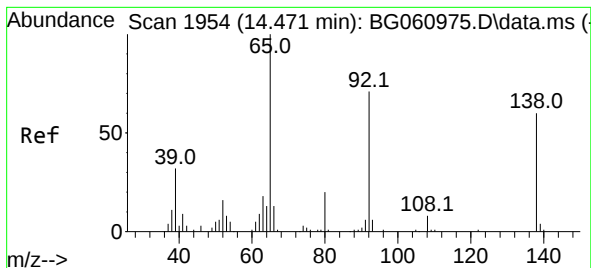
Tgt Ion:165 Resp: 55943
Ion Ratio Lower Upper
165 100
63 67.0 59.6 89.4
89 62.3 49.4 74.0



#52
Acenaphthene
Concen: 41.051 ng
RT: 14.636 min Scan# 1982
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:154 Resp: 172431
Ion Ratio Lower Upper
154 100
153 116.6 91.2 136.8
152 54.5 42.7 64.1

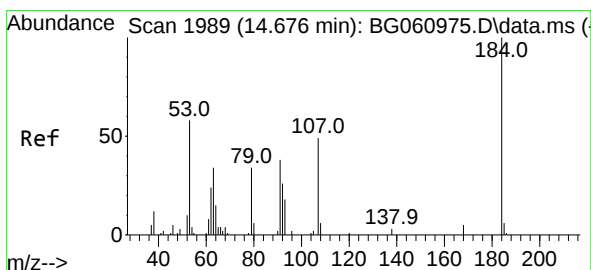
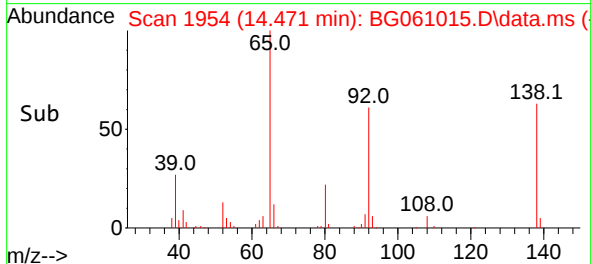
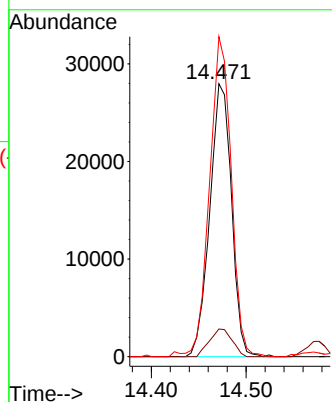
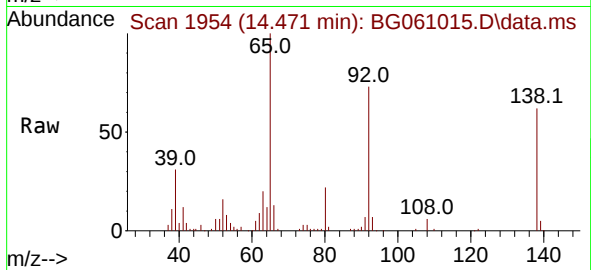




#53
3-Nitroaniline
Concen: 32.986 ng
RT: 14.471 min Scan# 1954
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

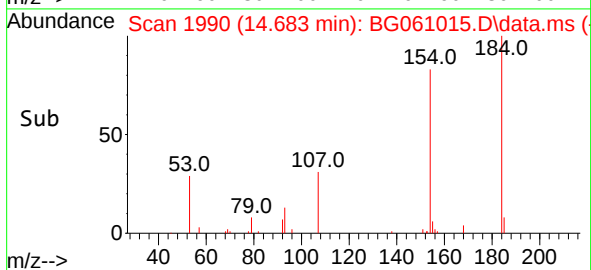
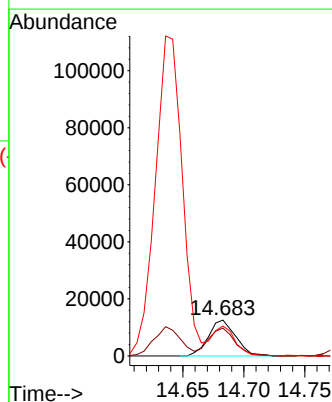
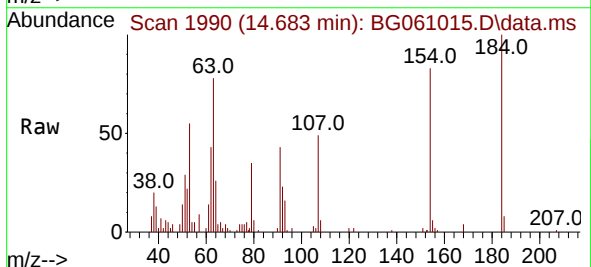
Instrument :
BNA_G
ClientSampleId :
SILICAMS

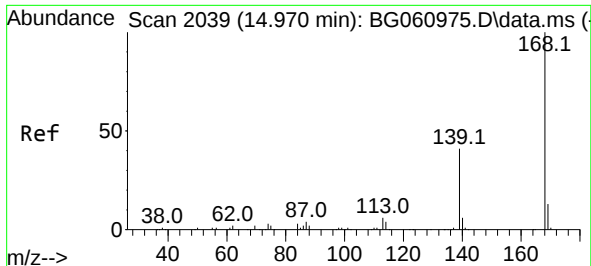
Tgt Ion:138 Resp: 44478
Ion Ratio Lower Upper
138 100
108 10.1 10.1 15.1
92 117.2 94.6 141.8



#54
2,4-Dinitrophenol
Concen: 25.864 ng
RT: 14.683 min Scan# 1990
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:184 Resp: 19436
Ion Ratio Lower Upper
184 100
63 77.6 59.0 88.6
154 83.2 61.2 91.8

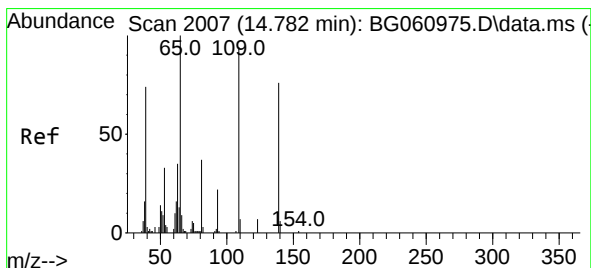
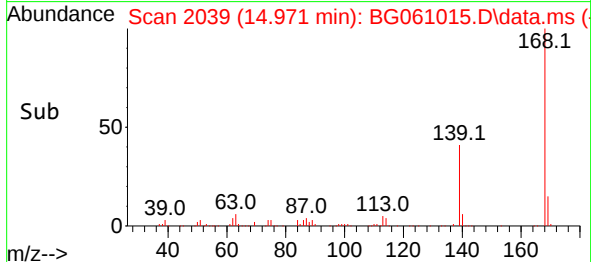
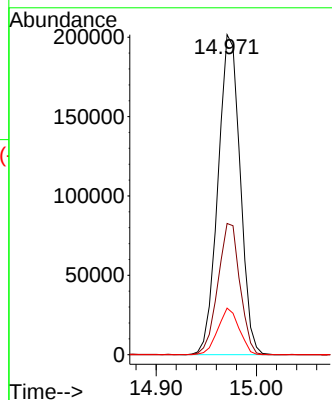
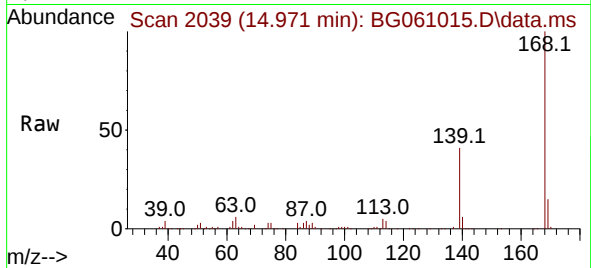




#55
Dibenzofuran
Concen: 42.506 ng
RT: 14.971 min Scan# 2039
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

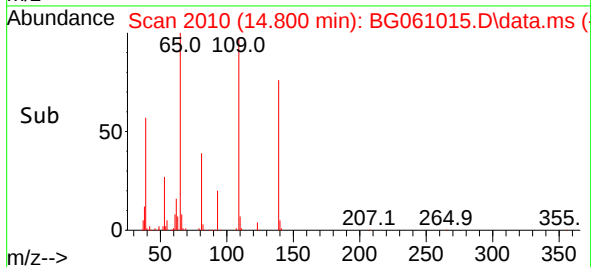
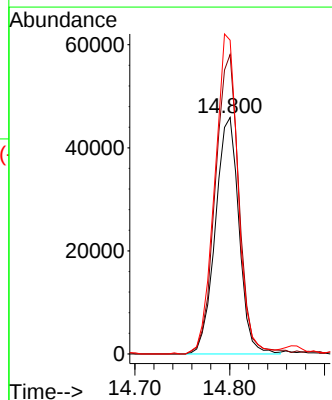
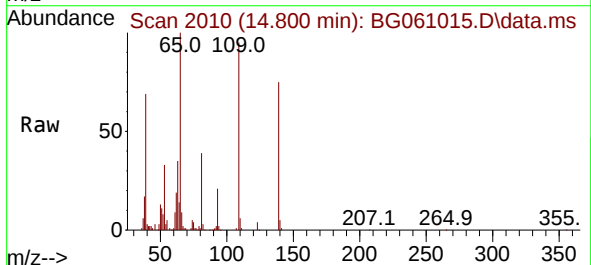
Instrument :
BNA_G
ClientSampleId :
SILICAMS

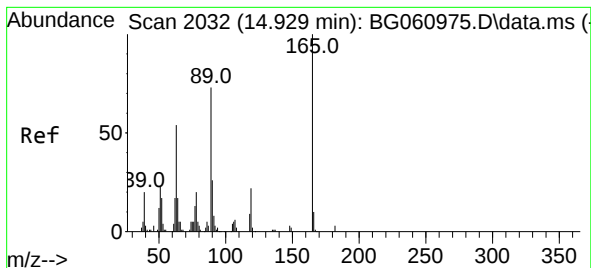
Tgt Ion:168 Resp: 308311
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 14.6 10.6 15.8



#56
4-Nitrophenol
Concen: 82.271 ng
RT: 14.800 min Scan# 2010
Delta R.T. 0.018 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:139 Resp: 79475
Ion Ratio Lower Upper
139 100
109 126.7 104.1 144.1
65 132.7 112.0 152.0

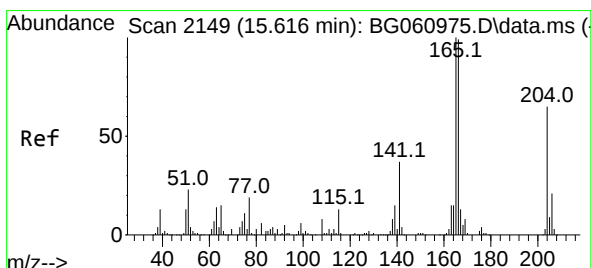
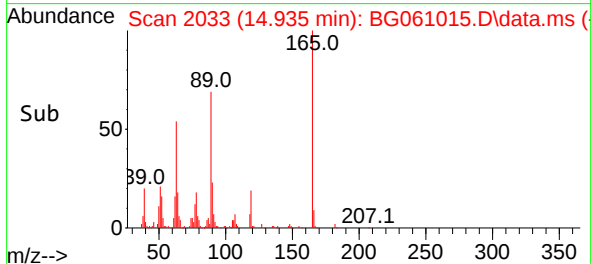
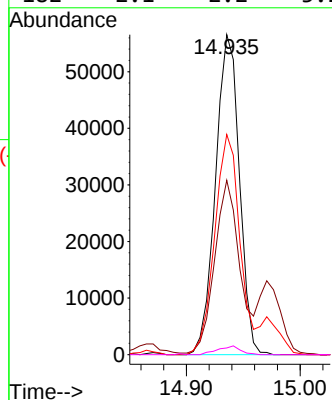
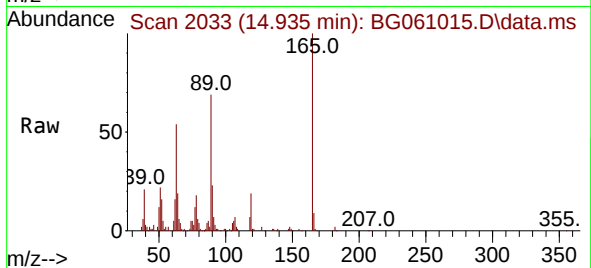




#57
2,4-Dinitrotoluene
Concen: 41.939 ng
RT: 14.935 min Scan# 2033
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

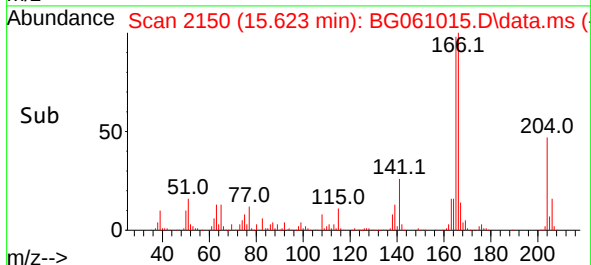
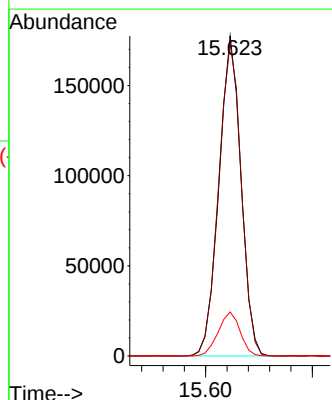
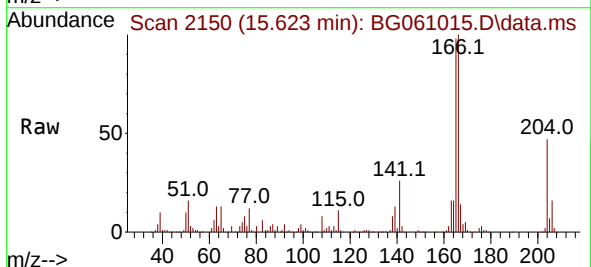
Instrument :
BNA_G
ClientSampleId :
SILICAMS

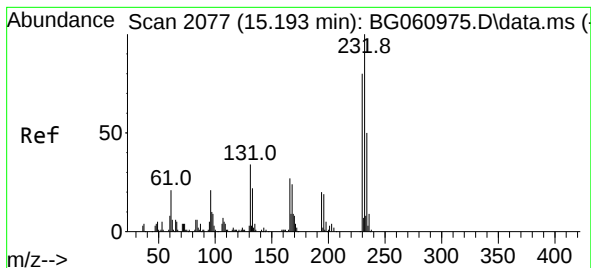
Tgt Ion:165 Resp: 82597
Ion Ratio Lower Upper
165 100
63 54.5 43.4 65.2
89 68.8 58.4 87.6
182 2.1 2.2 3.2#



#58
Fluorene
Concen: 41.459 ng
RT: 15.623 min Scan# 2150
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:166 Resp: 253822
Ion Ratio Lower Upper
166 100
165 97.7 80.9 121.3
167 13.8 10.5 15.7

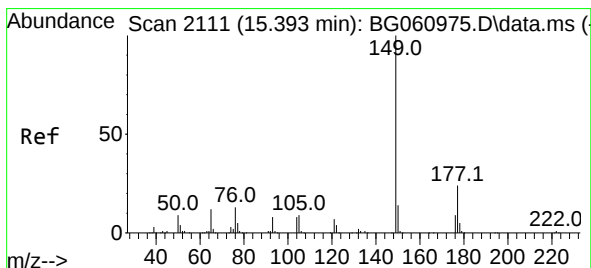
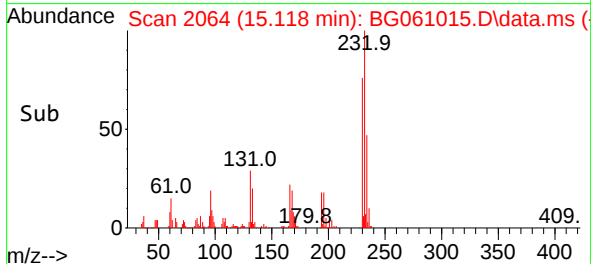
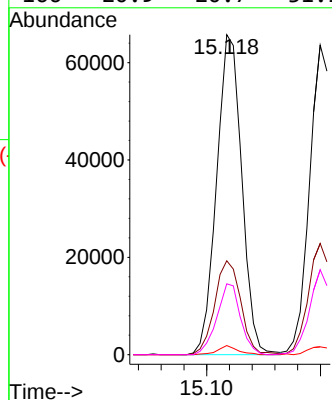
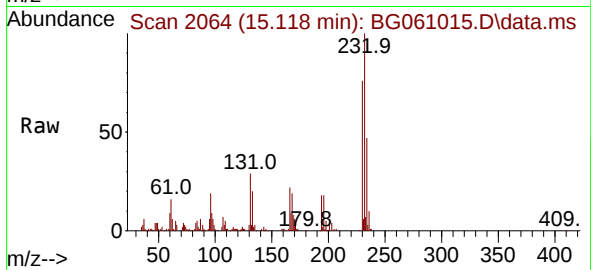




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.602 ng
RT: 15.118 min Scan# 2077
Delta R.T. -0.076 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

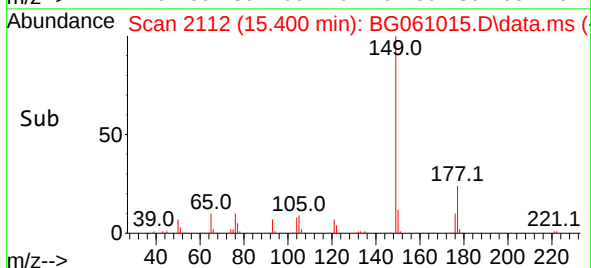
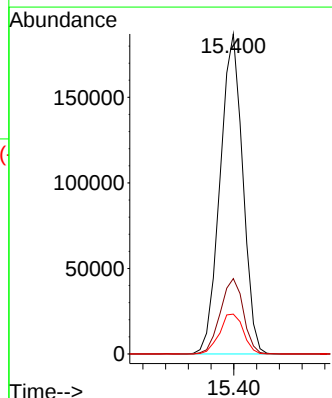
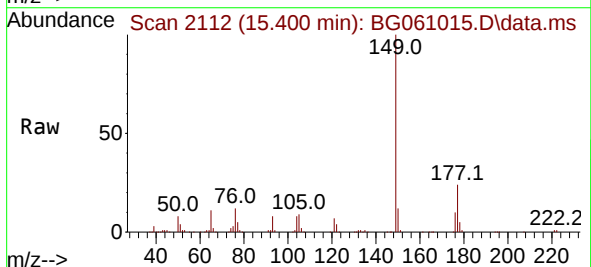
Instrument :
BNA_G
ClientSampleId :
SILICAMS

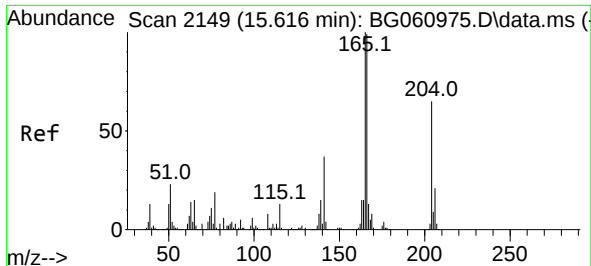
Tgt Ion:232 Resp: 101080
Ion Ratio Lower Upper
232 100
131 30.4 27.4 41.0
130 2.3 1.5 2.3
166 20.9 20.7 31.1



#60
Diethylphthalate
Concen: 40.142 ng
RT: 15.400 min Scan# 2112
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:149 Resp: 259080
Ion Ratio Lower Upper
149 100
177 23.5 18.8 28.2
150 12.4 11.2 16.8

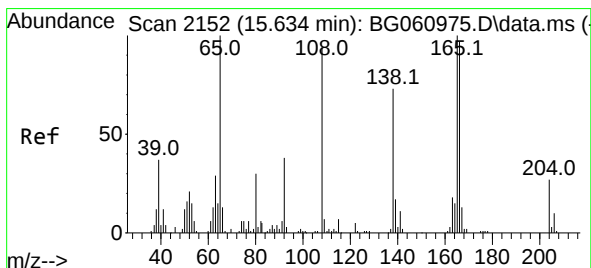
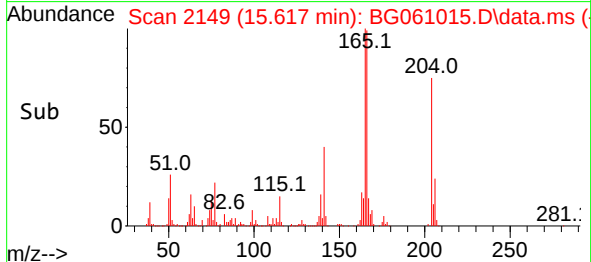
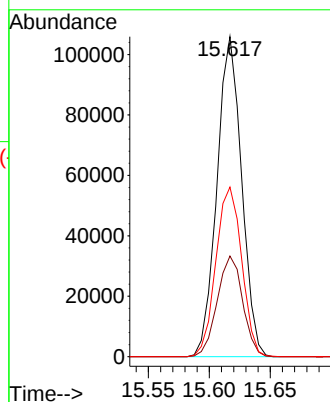
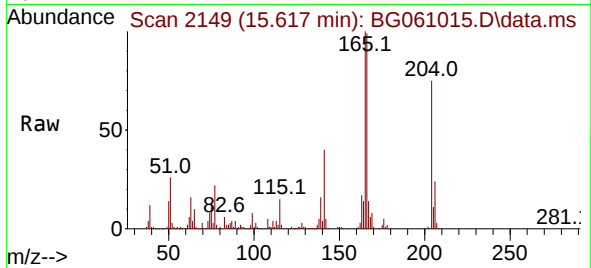




#61
4-Chlorophenyl-phenylether
Concen: 39.512 ng
RT: 15.617 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

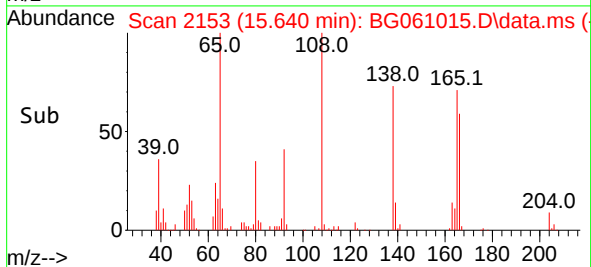
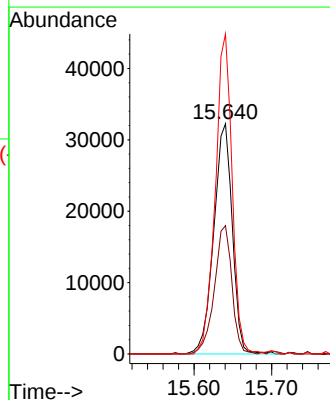
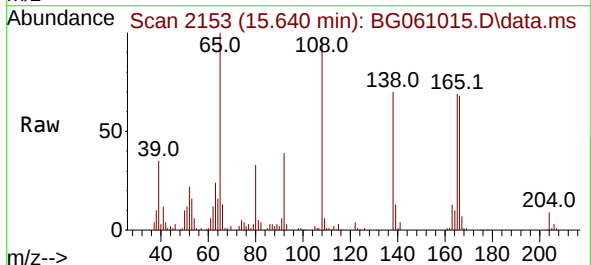
Instrument :
BNA_G
ClientSampleId :
SILICAMS

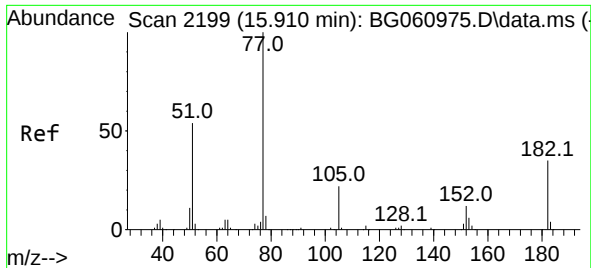
Tgt Ion:204 Resp: 149189
Ion Ratio Lower Upper
204 100
206 31.4 25.6 38.4
141 53.0 45.4 68.0



#62
4-Nitroaniline
Concen: 36.879 ng
RT: 15.640 min Scan# 2153
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:138 Resp: 53620
Ion Ratio Lower Upper
138 100
92 55.8 32.2 72.2
108 139.0 109.0 149.0

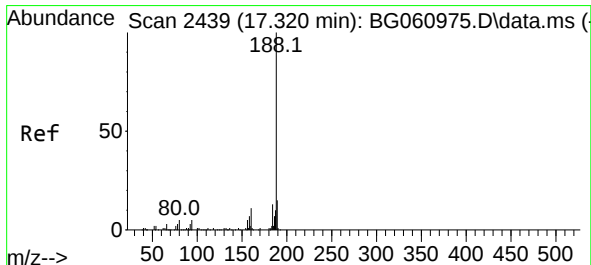
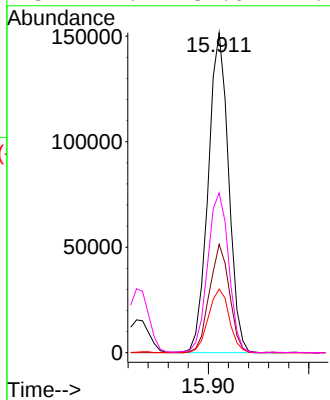
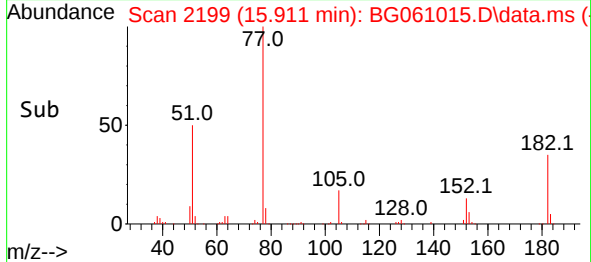
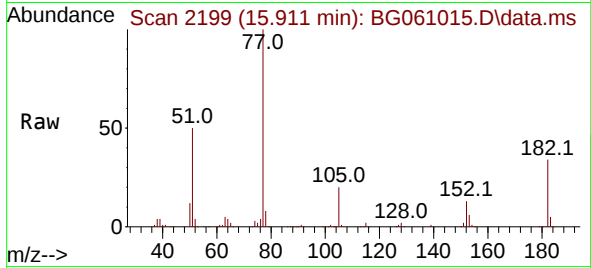




#63
Azobenzene
Concen: 40.725 ng
RT: 15.911 min Scan# 2199
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

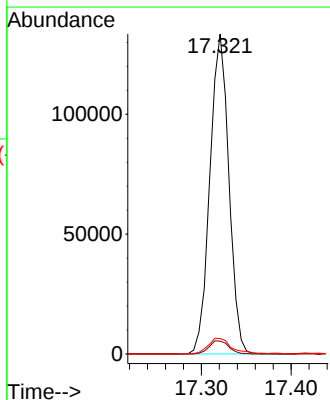
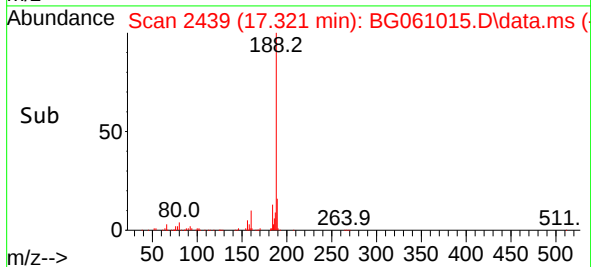
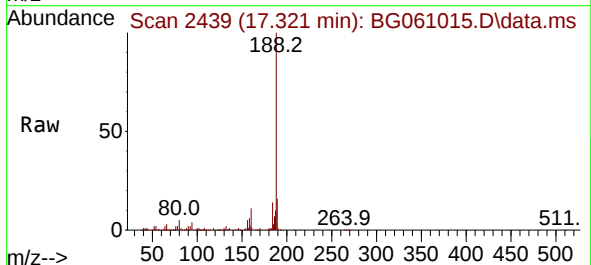
Instrument :
BNA_G
ClientSampleId :
SILICAMS

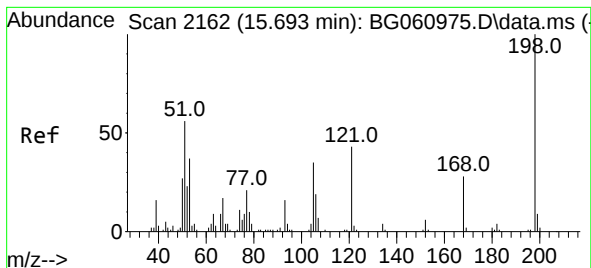
Tgt Ion: 77 Resp: 213791
Ion Ratio Lower Upper
77 100
182 33.9 14.5 54.5
105 19.9 1.9 41.9
51 49.9 34.0 74.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.321 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:188 Resp: 195482
Ion Ratio Lower Upper
188 100
94 4.0 4.1 6.1#
80 4.8 4.0 6.0

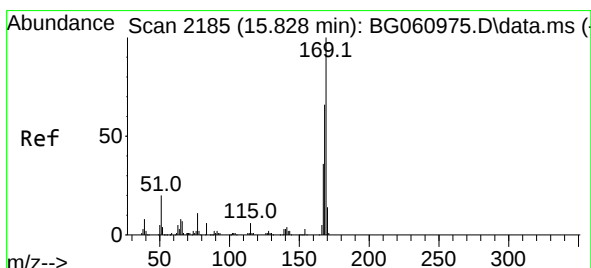
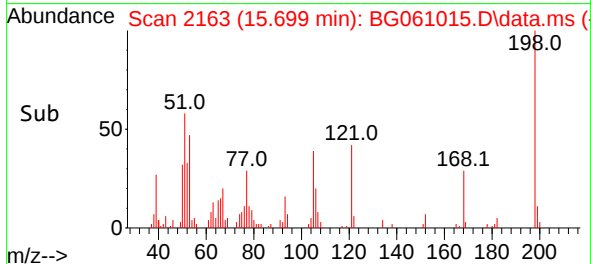
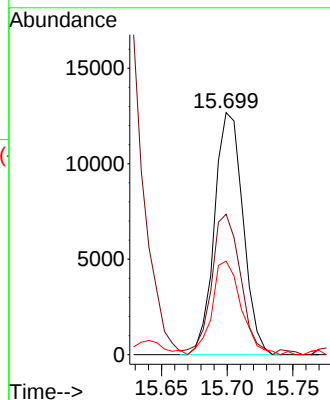
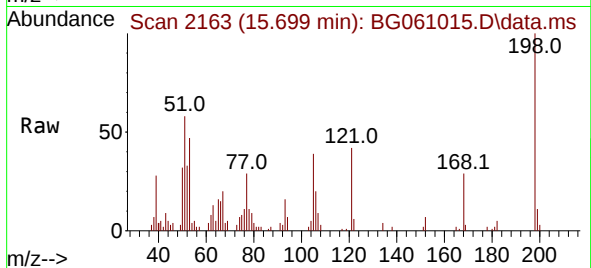




#65
4,6-Dinitro-2-methylphenol
Concen: 15.882 ng
RT: 15.699 min Scan# 2162
Delta R.T. 0.006 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

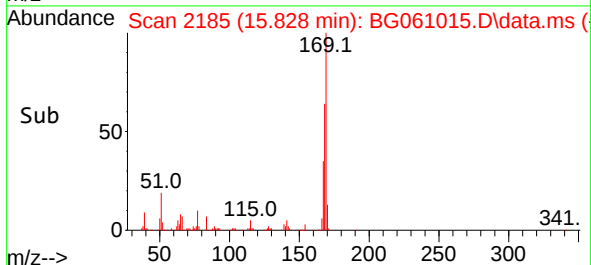
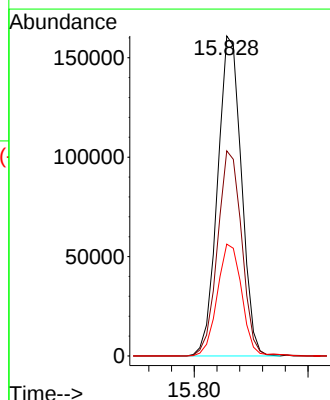
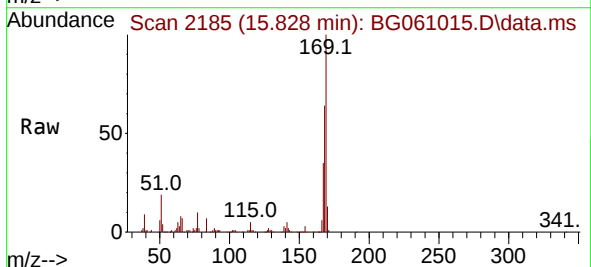
Instrument :
BNA_G
ClientSampleId :
SILICAMS

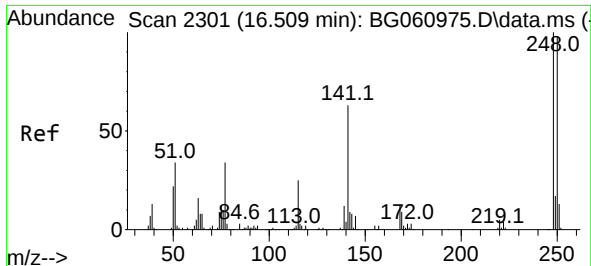
Tgt Ion:198 Resp: 19170
Ion Ratio Lower Upper
198 100
51 58.1 38.6 78.6
105 38.7 14.5 54.5



#66
n-Nitrosodiphenylamine
Concen: 43.439 ng
RT: 15.828 min Scan# 2185
Delta R.T. 0.000 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:169 Resp: 233944
Ion Ratio Lower Upper
169 100
168 64.1 52.5 78.7
167 35.0 28.8 43.2

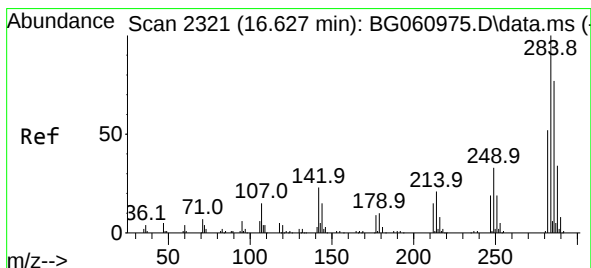
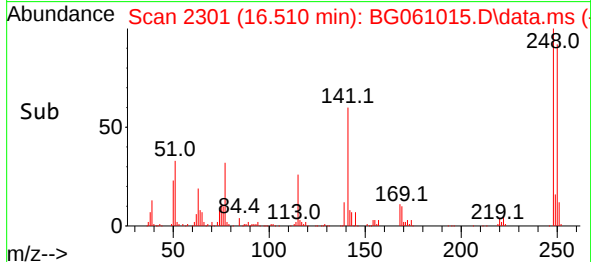
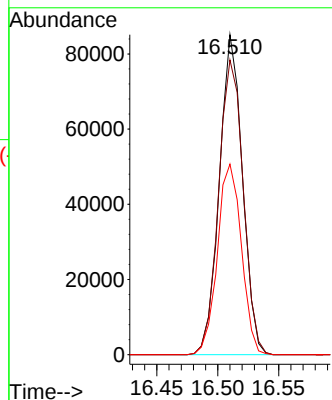
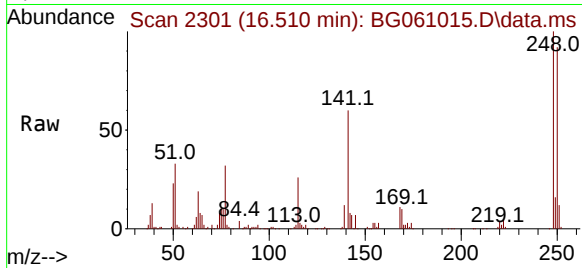




#67
4-Bromophenyl-phenylether
Concen: 43.480 ng
RT: 16.510 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

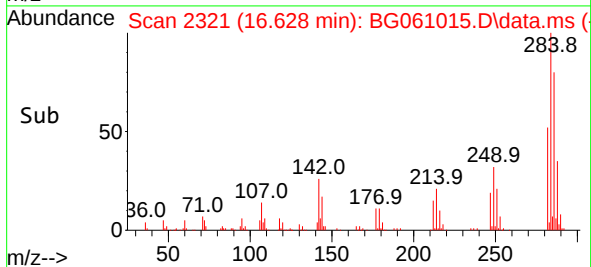
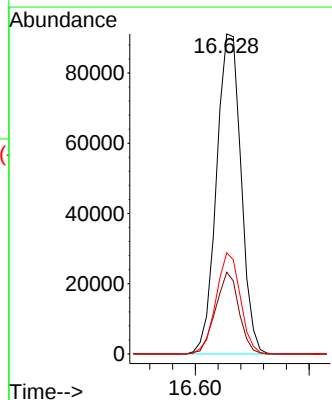
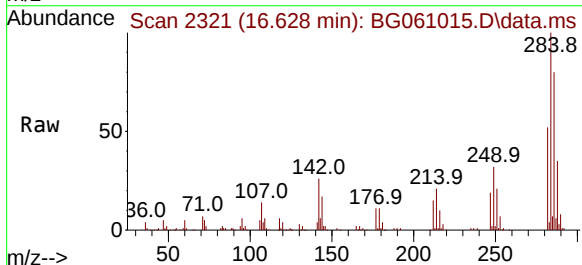
Instrument :
BNA_G
ClientSampleId :
SILICAMS

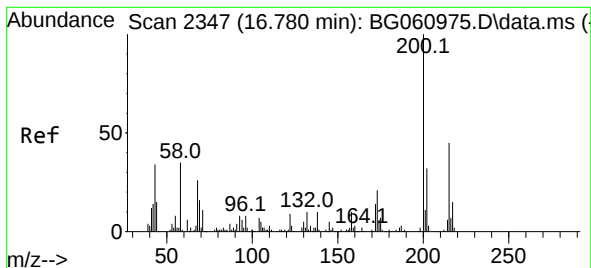
Tgt Ion:248 Resp: 112173
Ion Ratio Lower Upper
248 100
250 92.1 78.7 118.1
141 59.6 50.4 75.6



#68
Hexachlorobenzene
Concen: 47.921 ng
RT: 16.628 min Scan# 2321
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:284 Resp: 136559
Ion Ratio Lower Upper
284 100
142 25.5 18.7 28.1
249 31.6 26.4 39.6





#69

Atrazine

Concen: 50.317 ng

RT: 16.786 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061015.D

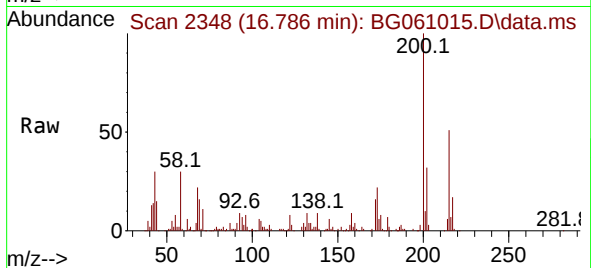
Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

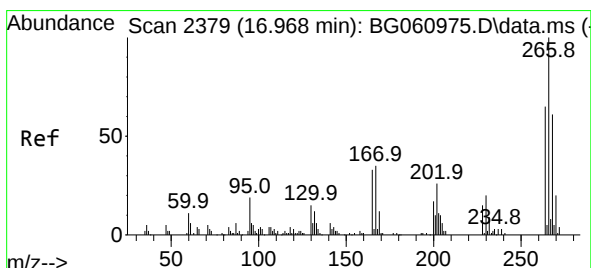
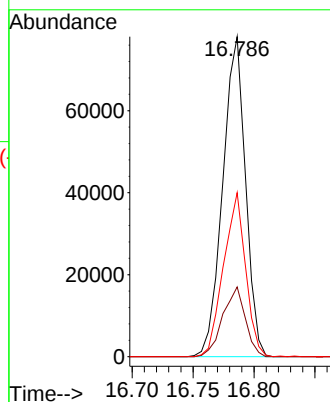
ClientSampleId :

SILICAMS



Tgt Ion:200 Resp: 101423

Ion	Ratio	Lower	Upper
200	100		
173	21.8	1.4	41.4
215	51.3	25.3	65.3



#70

Pentachlorophenol

Concen: 81.072 ng

RT: 16.974 min Scan# 2380

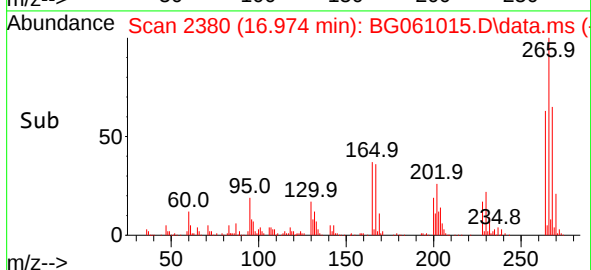
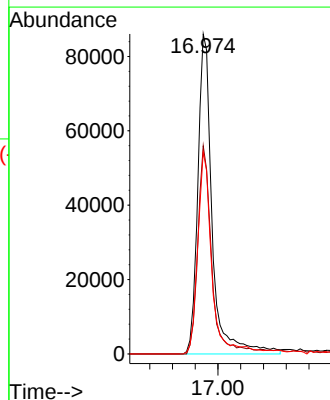
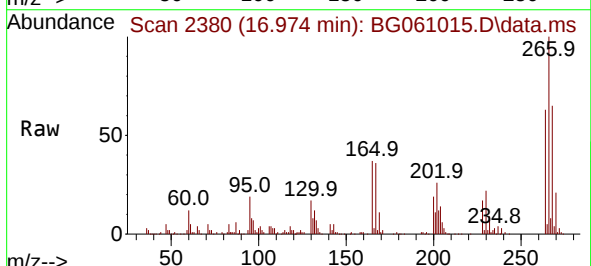
Delta R.T. 0.006 min

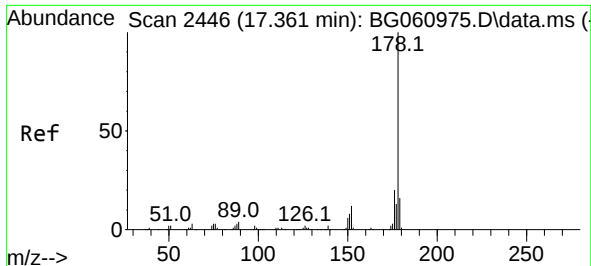
Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:266 Resp: 151491

Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.1	73.7
264	63.1	52.2	78.2

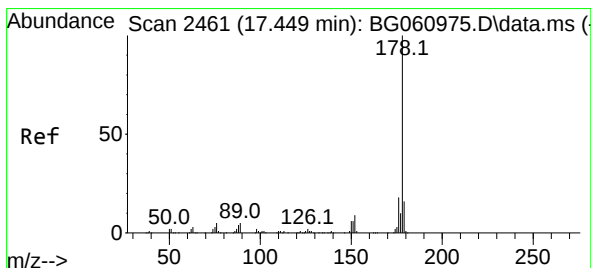
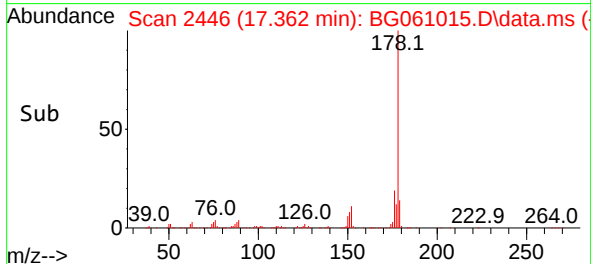
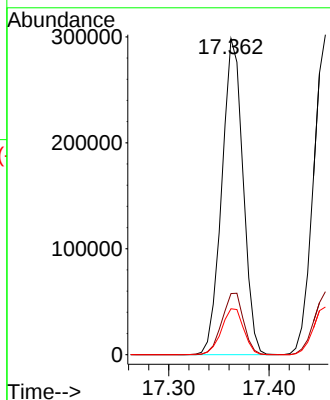
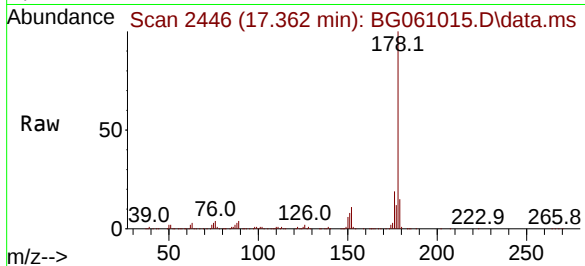




#71
Phenanthrene
Concen: 43.795 ng
RT: 17.362 min Scan# 2446
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

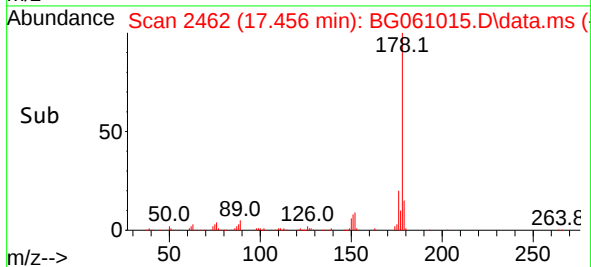
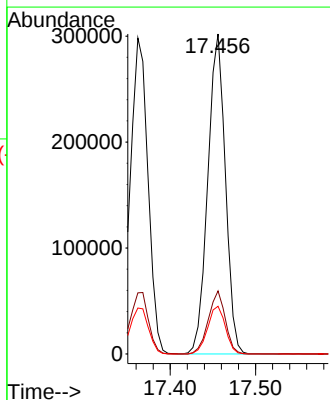
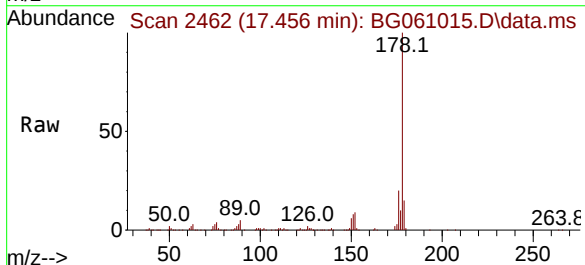
Instrument :
BNA_G
ClientSampleId :
SILICAMS

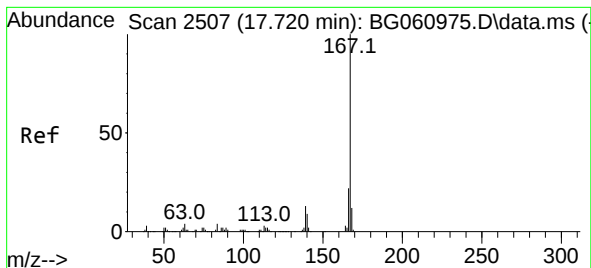
Tgt Ion:178 Resp: 436988
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 14.5 12.5 18.7



#72
Anthracene
Concen: 42.116 ng
RT: 17.456 min Scan# 2462
Delta R.T. 0.007 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:178 Resp: 432805
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 14.9 12.4 18.6





#73

Carbazole

Concen: 44.129 ng

RT: 17.720 min Scan# 2507

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

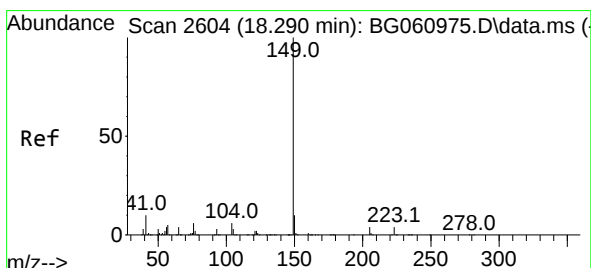
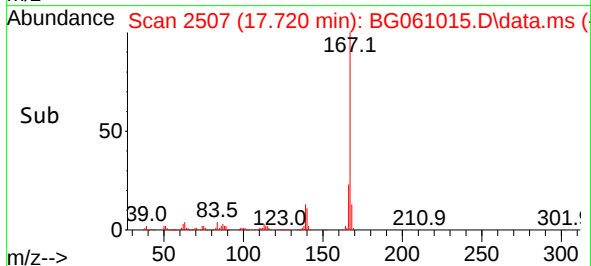
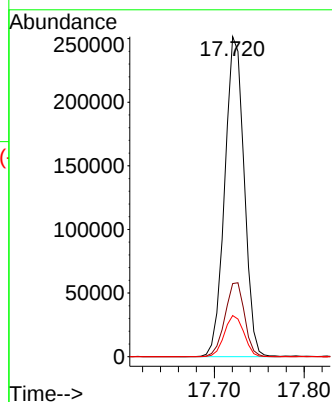
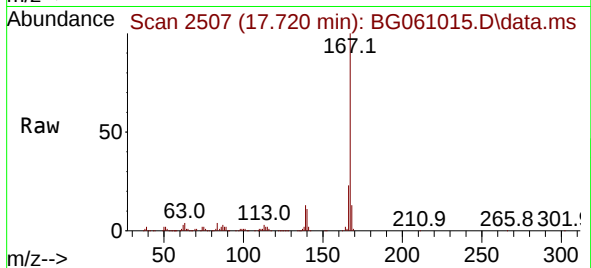
Tgt Ion:167 Resp: 376631

Ion Ratio Lower Upper

167 100

166 22.9 17.8 26.8

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 41.845 ng

RT: 18.290 min Scan# 2604

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

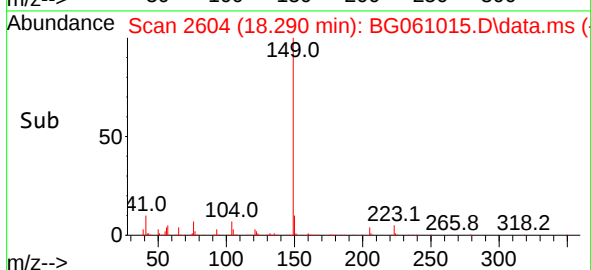
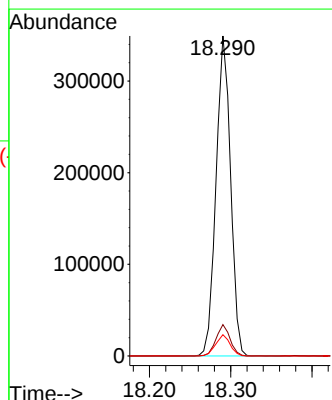
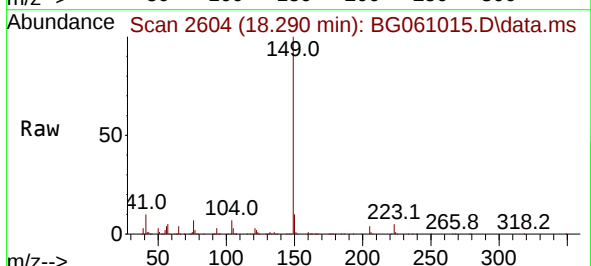
Tgt Ion:149 Resp: 433598

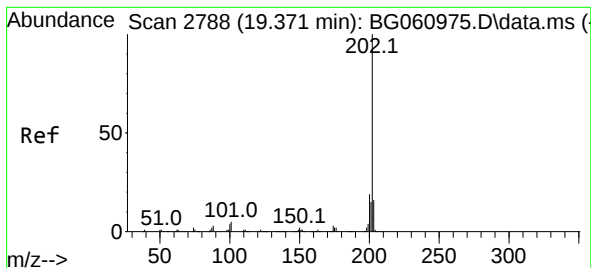
Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

104 6.6 5.0 7.6





#75

Fluoranthene

Concen: 43.371 ng

RT: 19.377 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

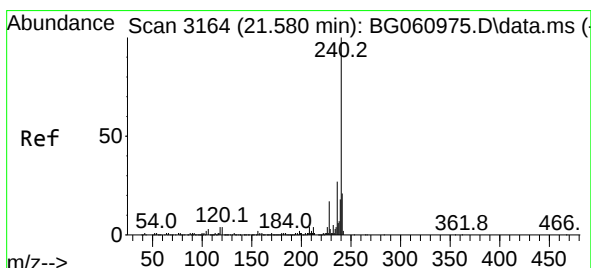
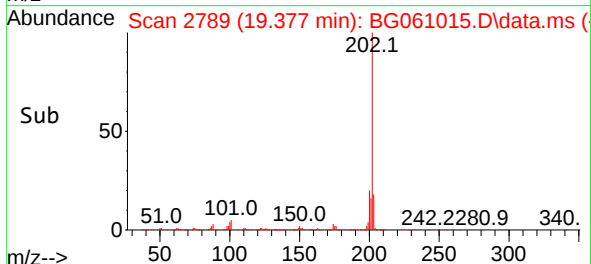
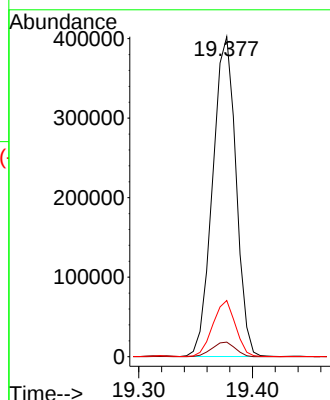
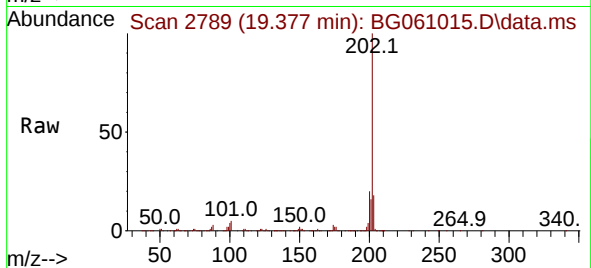
Tgt Ion:202 Resp: 574322

Ion Ratio Lower Upper

202 100

101 4.5 0.0 24.9

203 17.5 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.581 min Scan# 3164

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

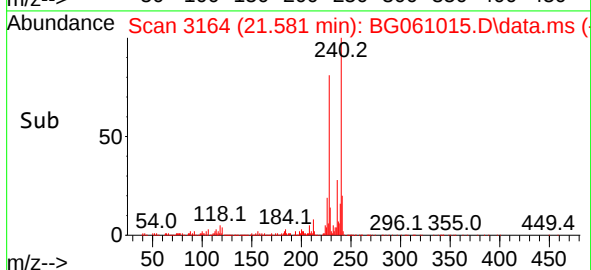
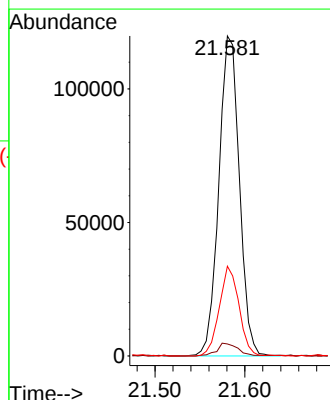
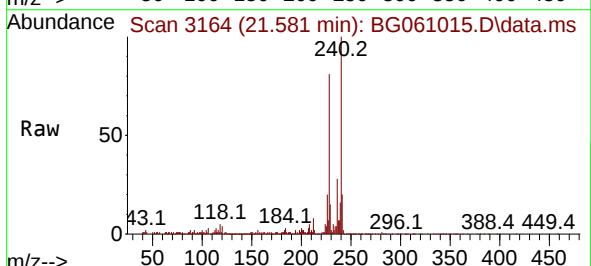
Tgt Ion:240 Resp: 190340

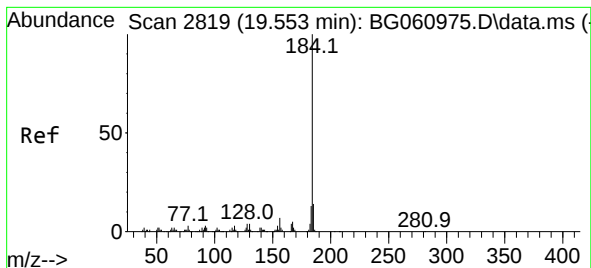
Ion Ratio Lower Upper

240 100

120 3.8 3.0 4.6

236 28.1 21.8 32.6





#77

Benzidine

Concen: 57.032 ng

RT: 19.554 min Scan# 2819

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

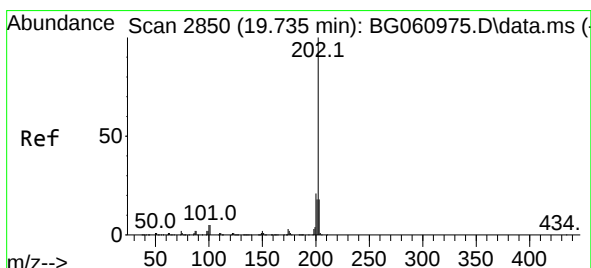
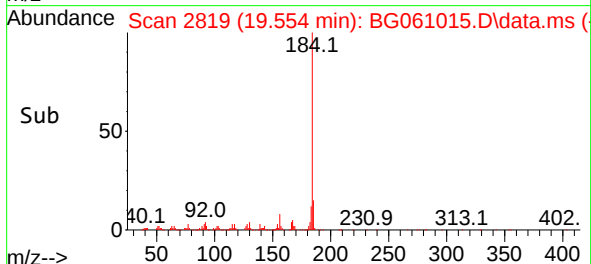
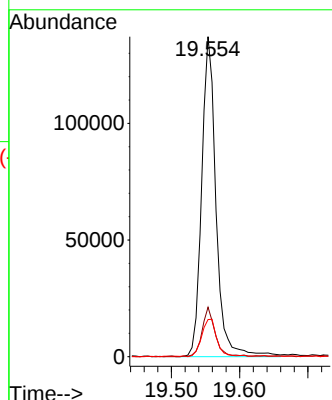
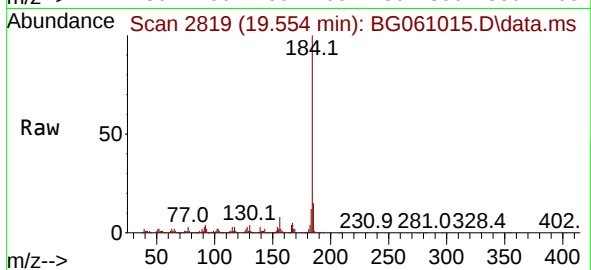
Tgt Ion:184 Resp: 201139

Ion Ratio Lower Upper

184 100

185 15.4 11.3 16.9

183 11.6 10.2 15.2



#78

Pyrene

Concen: 44.815 ng

RT: 19.736 min Scan# 2850

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

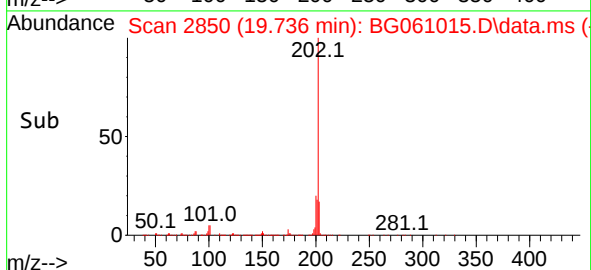
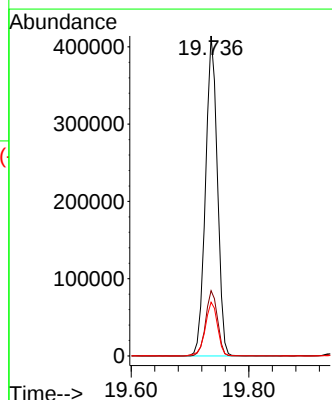
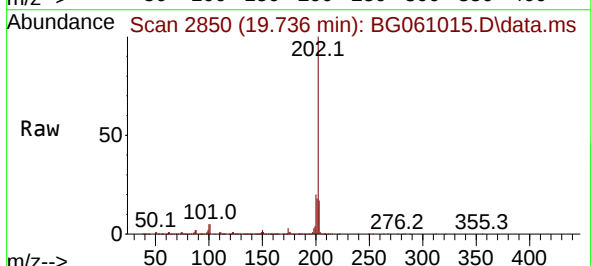
Tgt Ion:202 Resp: 580807

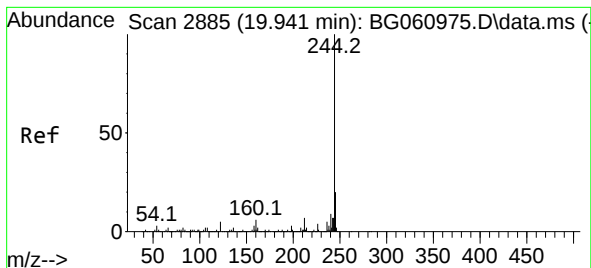
Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

203 16.8 14.2 21.2





#79

Terphenyl-d14

Concen: 83.318 ng

RT: 19.941 min Scan# 2885

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

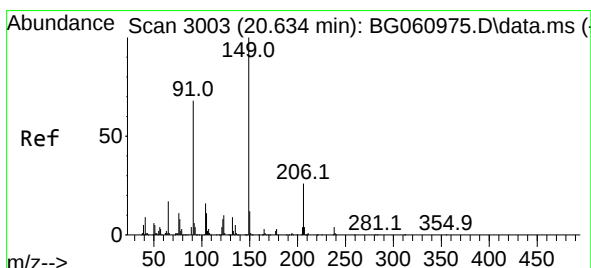
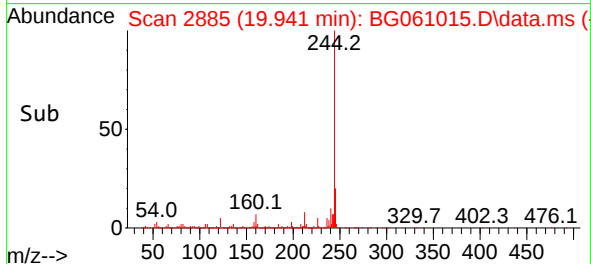
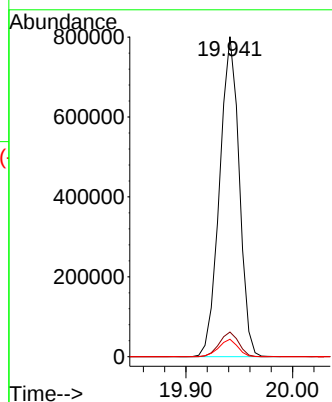
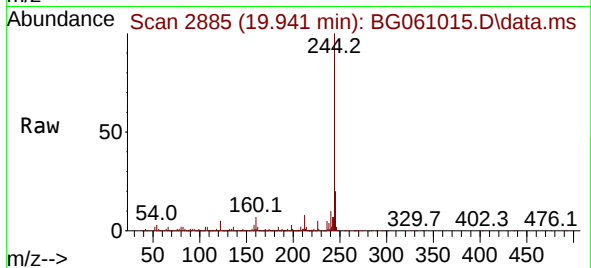
Tgt Ion:244 Resp: 1021671

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 5.5 4.2 6.2



#80

Butylbenzylphthalate

Concen: 43.839 ng

RT: 20.635 min Scan# 3003

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

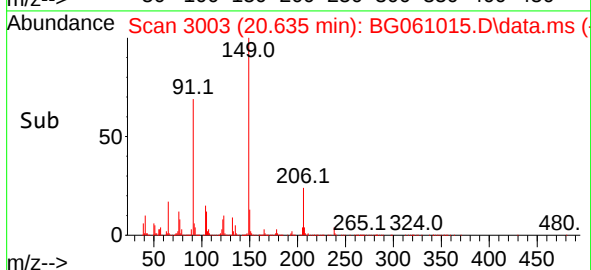
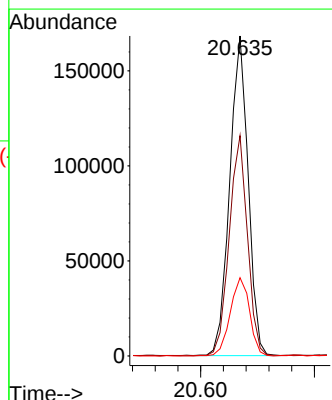
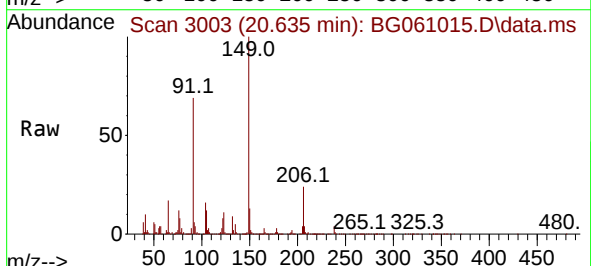
Tgt Ion:149 Resp: 189374

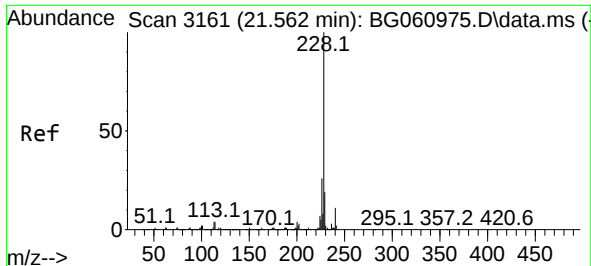
Ion Ratio Lower Upper

149 100

91 68.8 54.4 81.6

206 24.5 20.8 31.2

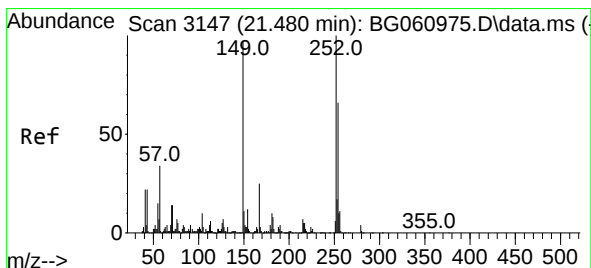
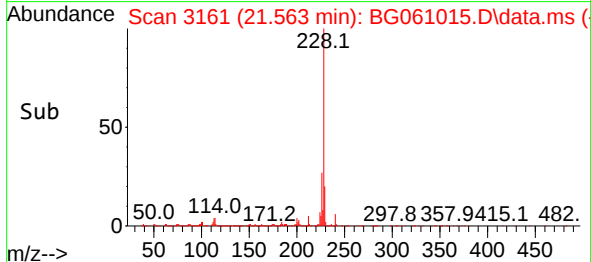
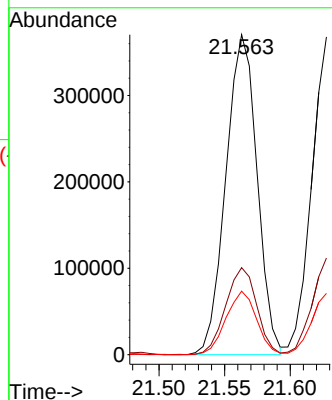
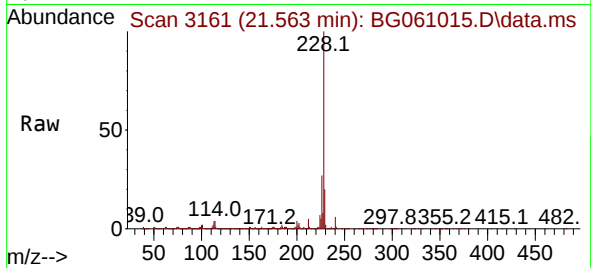




#81
Benzo(a)anthracene
Concen: 45.768 ng
RT: 21.563 min Scan# 3161
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

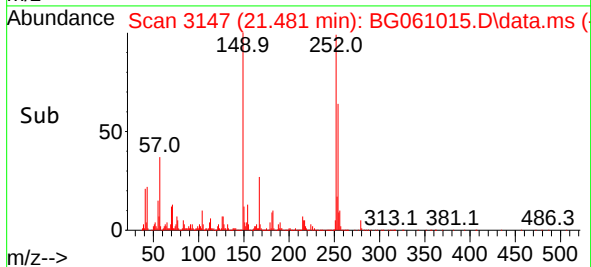
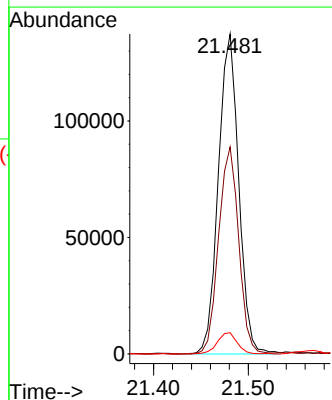
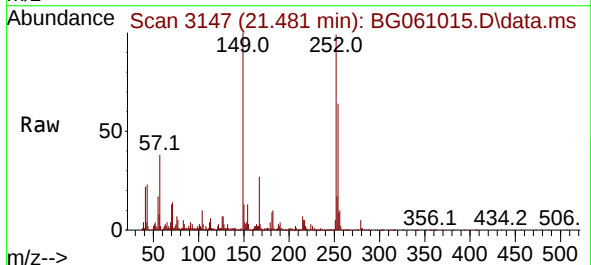
Instrument :
BNA_G
ClientSampleId :
SILICAMS

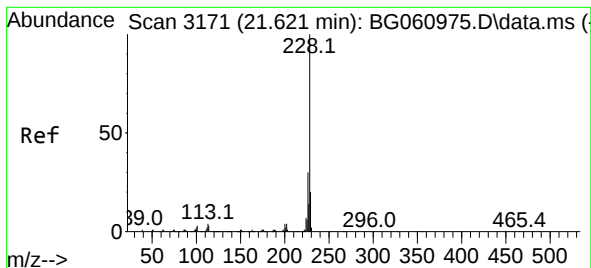
Tgt Ion:228 Resp: 612463
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.4
229 19.9 15.0 22.4



#82
3,3'-Dichlorobenzidine
Concen: 42.409 ng
RT: 21.481 min Scan# 3147
Delta R.T. 0.001 min
Lab File: BG061015.D
Acq: 23 Apr 2024 20:02

Tgt Ion:252 Resp: 205099
Ion Ratio Lower Upper
252 100
254 64.7 52.7 79.1
126 6.7 4.2 6.2#





#83

Chrysene

Concen: 45.632 ng

RT: 21.628 min Scan# 3171

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

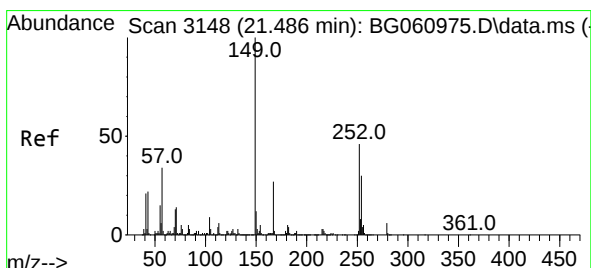
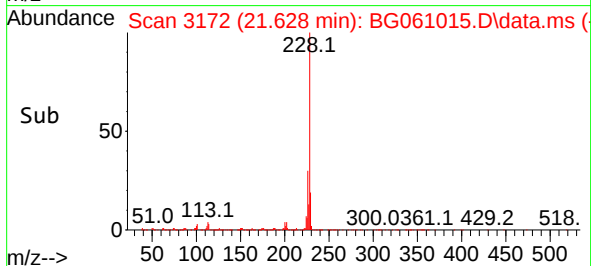
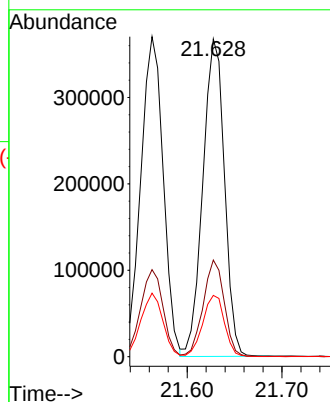
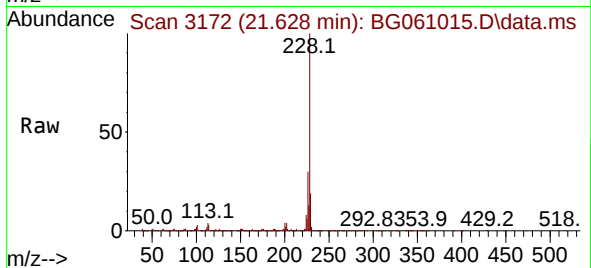
Tgt Ion:228 Resp: 581386

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

229 19.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.958 ng

RT: 21.487 min Scan# 3148

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

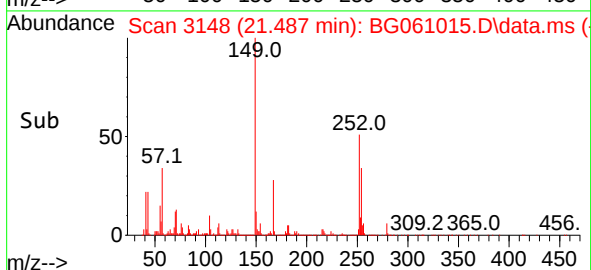
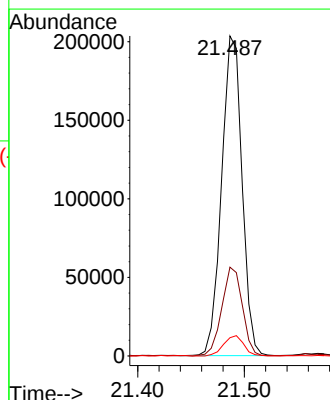
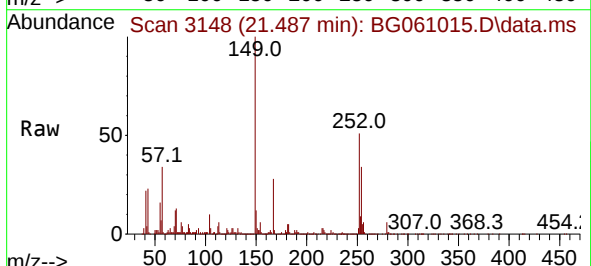
Tgt Ion:149 Resp: 269791

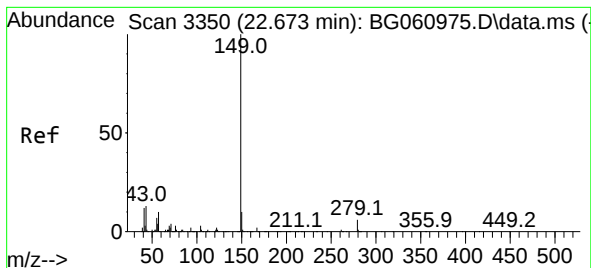
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 5.7 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 44.373 ng

RT: 22.673 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

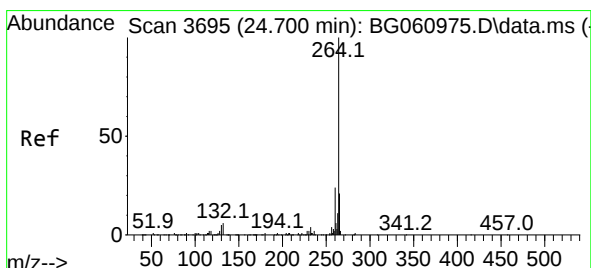
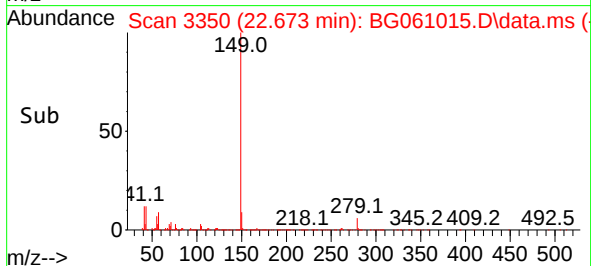
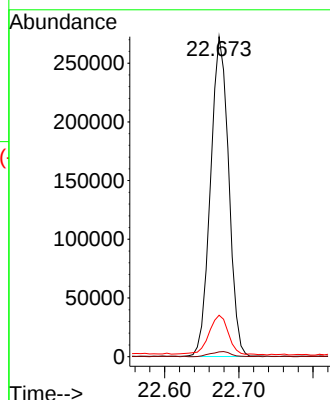
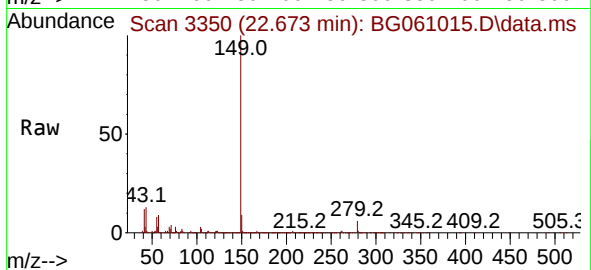
Tgt Ion:149 Resp: 462666

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

43 13.6 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.712 min Scan# 3697

Delta R.T. 0.012 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

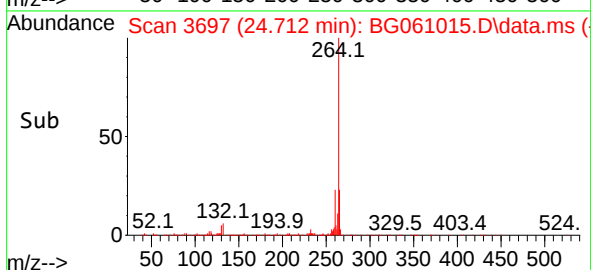
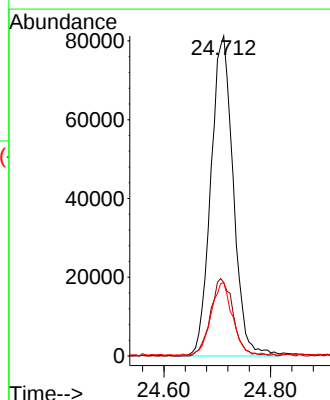
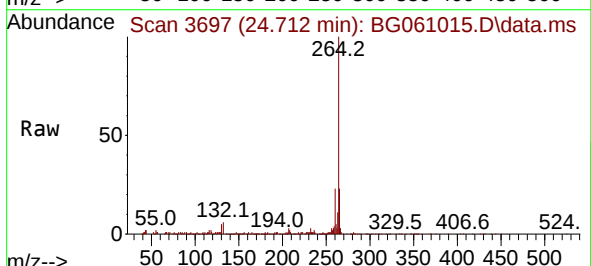
Tgt Ion:264 Resp: 237129

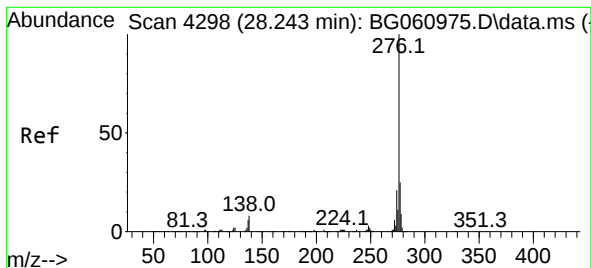
Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 23.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.394 ng

RT: 28.261 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

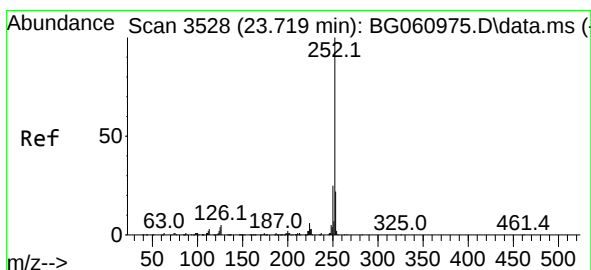
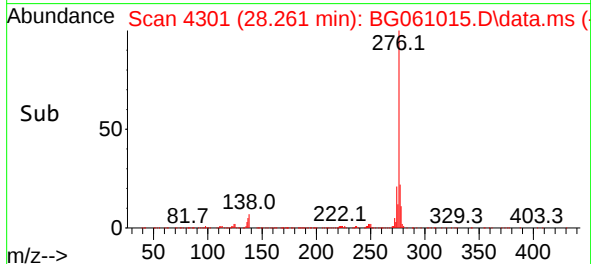
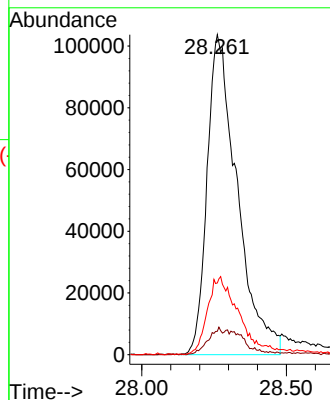
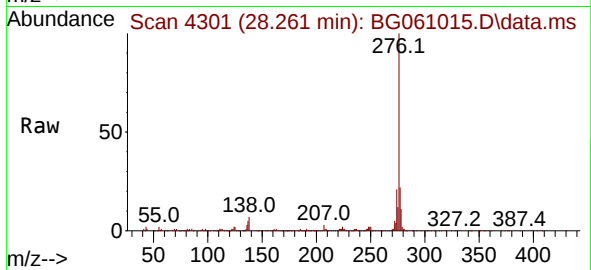
Tgt Ion:276 Resp: 746719

Ion Ratio Lower Upper

276 100

138 3.9 5.3 7.9#

277 24.5 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 45.782 ng

RT: 23.725 min Scan# 3529

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

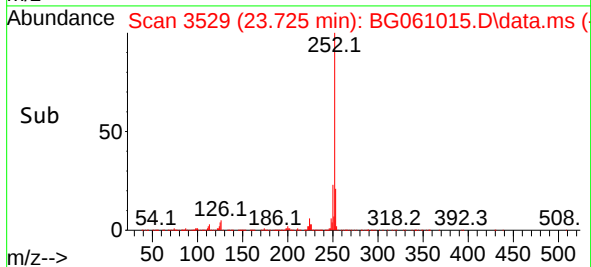
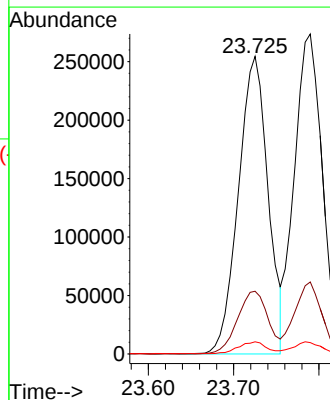
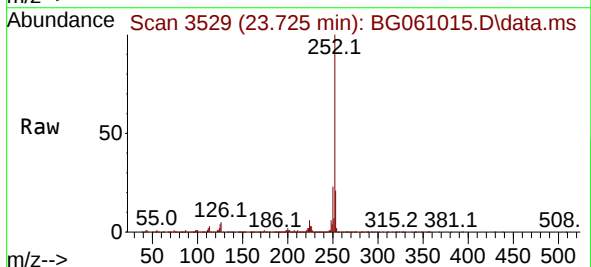
Tgt Ion:252 Resp: 615214

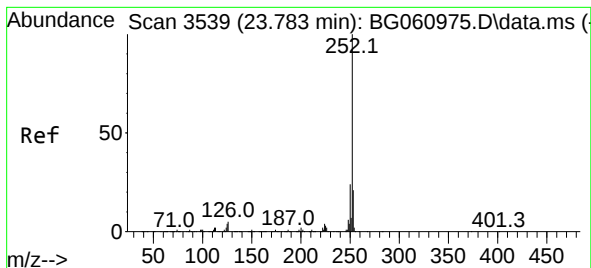
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 4.1 3.3 4.9





#89

Benzo(k)fluoranthene

Concen: 46.121 ng

RT: 23.790 min Scan# 3540

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

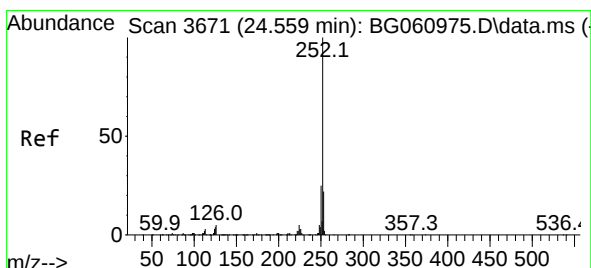
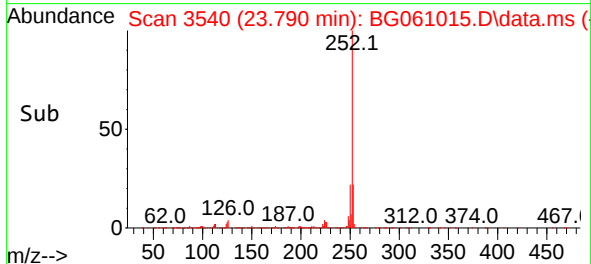
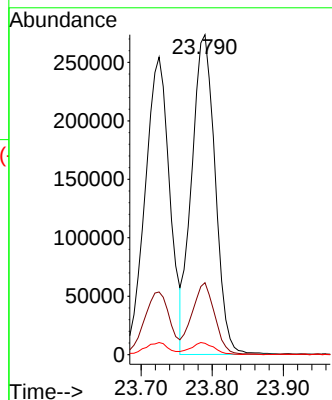
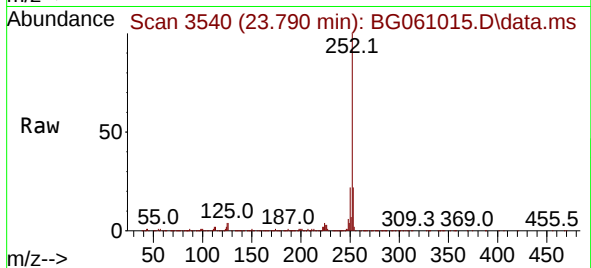
Tgt Ion:252 Resp: 625647

Ion Ratio Lower Upper

252 100

253 22.5 16.6 25.0

125 3.6 3.3 4.9



#90

Benzo(a)pyrene

Concen: 43.035 ng

RT: 24.565 min Scan# 3672

Delta R.T. 0.007 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

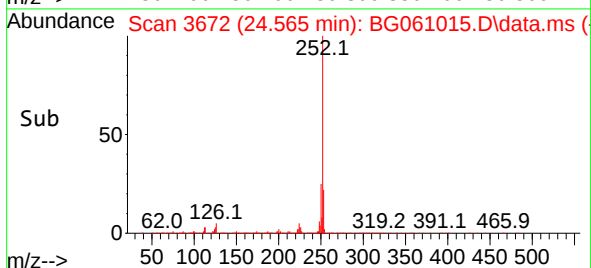
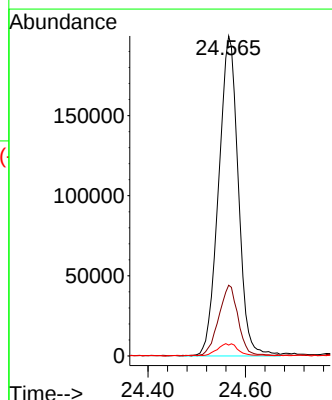
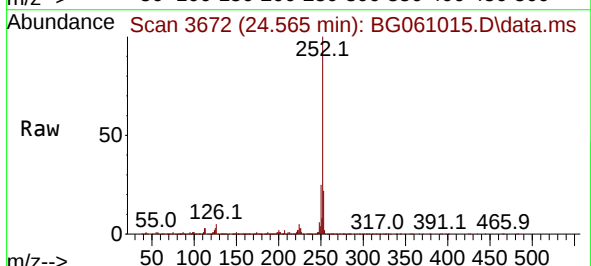
Tgt Ion:252 Resp: 559754

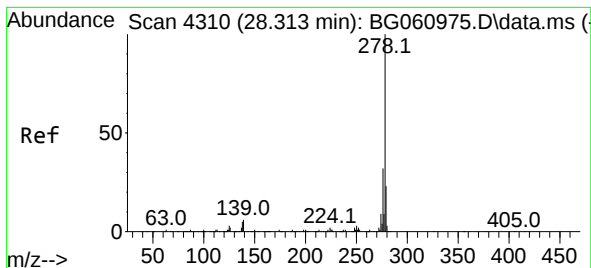
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 3.4 3.6 5.4#





#91

Dibenzo(a,h)anthracene

Concen: 45.914 ng

RT: 28.331 min Scan# 41

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Instrument :

BNA_G

ClientSampleId :

SILICAMS

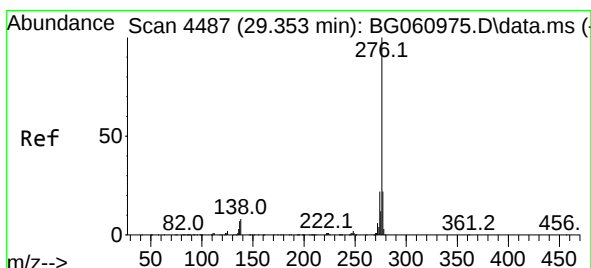
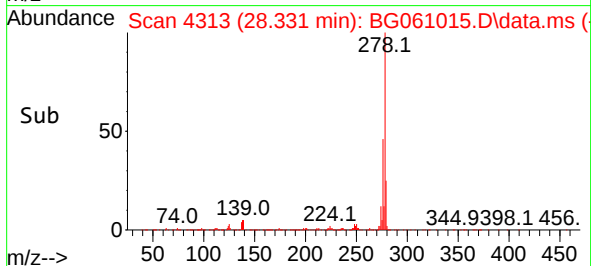
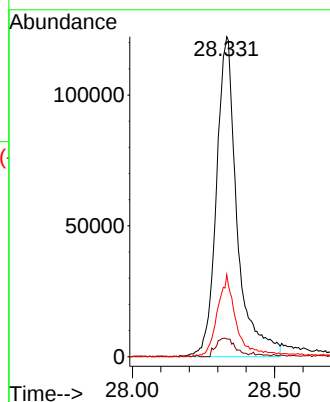
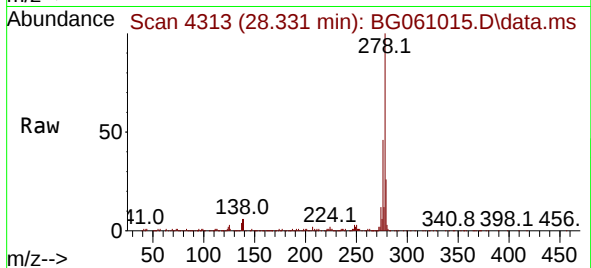
Tgt Ion:278 Resp: 617073

Ion Ratio Lower Upper

278 100

139 5.5 4.7 7.1

279 25.6 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 39.529 ng

RT: 29.371 min Scan# 4490

Delta R.T. 0.018 min

Lab File: BG061015.D

Acq: 23 Apr 2024 20:02

Tgt Ion:276 Resp: 526759

Ion Ratio Lower Upper

276 100

277 22.0 18.0 27.0

138 6.0 6.5 9.7#

