

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100523\
 Data File : BG059300.D
 Acq On : 5 Oct 2023 17:24
 Operator : MA/JU
 Sample : PB155814BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

Quant Time: Oct 05 22:39:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 04:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.232	152	34944	20.000	ng/u1	0.00
20) Naphthalene-d8	11.075	136	185862	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.871	164	120632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.615	188	248145	20.000	ng/u1	0.00
79) Chrysene-d12	21.921	240	195387	20.000	ng/u1	0.00
88) Perylene-d12	25.394	264	228066	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.531	96	4839	5.226	ng/uL	0.00
4) Pyridine-d5	3.966	84	70762	26.194	ng/u1	0.00
7) Phenol-d5	7.362	99	114391	32.704	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.556	67	61596	27.566	ng/u1	0.00
11) 2-Chlorophenol-d4	7.750	132	82936	35.273	ng/u1	0.00
15) 4-Methylphenol-d8	8.931	113	90989	33.652	ng/u1	0.00
21) Nitrobenzene-d5	9.430	128	45870	34.974	ng/u1	0.00
24) 2-Nitrophenol-d4	10.153	143	51004	39.614	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.682	165	95603	36.145	ng/u1	0.00
31) 4-Chloroaniline-d4	11.222	131	123230	28.796	ng/u1	0.00
46) Dimethylphthalate-d6	14.266	166	288302	33.056	ng/u1	0.00
49) Acenaphthylene-d8	14.571	160	357093	32.619	ng/u1	0.00
54) 4-Nitrophenol-d4	15.065	143	51336	33.706	ng/u1	0.00
60) Fluorene-d10	15.852	176	271732	32.735	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	47995	37.628	ng/u1	0.00
73) Anthracene-d10	17.715	188	376322	33.283	ng/u1	0.00
81) Pyrene-d10	19.988	212	400968	36.645	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.159	264	381628	34.821	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.566	88	10538	9.688	ng/uL#	79
5) Pyridine	3.984	79	69698	25.407	ng/u1	94
6) Benzaldehyde	7.380	77	55037	35.830	ng/u1	96
8) Phenol	7.391	94	116850	33.582	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.650	93	86214	30.211	ng/u1	99
12) 2-Chlorophenol	7.785	128	87175	35.164	ng/u1	98
13) 2-Methylphenol	8.666	108	88598	33.701	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.737	45	90379	14.326	ng/u1	97
16) Acetophenone	9.078	105	141545	33.802	ng/u1	97
17) N-Nitroso-di-n-propyla...	9.042	70	69194	32.575	ng/u1	95
18) 4-Methylphenol	8.995	108	99097	35.577	ng/u1	93
19) Hexachloroethane	9.318	117	34152	34.968	ng/u1#	81
22) Nitrobenzene	9.477	77	101158	31.245	ng/u1	95
23) Isophorone	9.982	82	212294	30.493	ng/u1	100
25) 2-Nitrophenol	10.182	139	54667	38.535	ng/u1	99
26) 2,4-Dimethylphenol	10.212	107	72361	23.855	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.464	93	131337	29.898	ng/u1#	98
29) 2,4-Dichlorophenol	10.705	162	93673	35.628	ng/u1	91
30) Naphthalene	11.128	128	334101	33.526	ng/u1	97
32) 4-Chloroaniline	11.246	127	116212	28.399	ng/u1	96
33) Hexachlorobutadiene	11.351	225	62364	35.442	ng/u1	92
34) Caprolactam	12.027	113	31374	34.487	ng/u1	77
35) 4-Chloro-3-methylphenol	12.327	107	100513	35.830	ng/u1	90
36) 2-Methylnaphthalene	12.709	142	230364	35.287	ng/u1	98

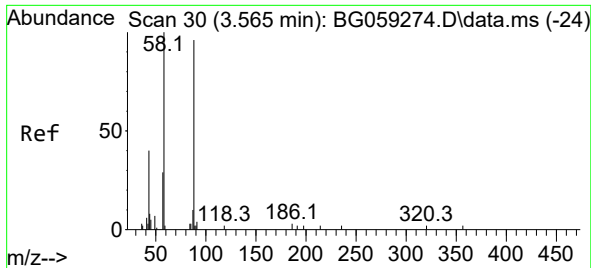
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.932	142	222474	33.577	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.055	216	121070	33.523	ng/ul	95
40) Hexachlorocyclopentadiene	13.008	237	46138	20.710	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.302	196	74042	33.486	ng/ul	87
42) 2,4,5-Trichlorophenol	13.373	196	81686	35.207	ng/ul	98
43) 1,1'-Biphenyl	13.707	154	323224	33.177	ng/ul	98
44) 2-Chloronaphthalene	13.754	162	249020	33.949	ng/ul	99
45) 2-Nitroaniline	13.978	65	78156	37.774	ng/ul	97
47) Dimethylphthalate	14.313	163	304216	34.054	ng/ul	98
48) 2,6-Dinitrotoluene	14.459	165	64512	42.459	ng/ul#	83
50) Acenaphthylene	14.600	152	371899	31.827	ng/ul	97
51) 3-Nitroaniline	14.794	138	67549	41.183	ng/ul#	94
52) Acenaphthene	14.935	153	271363	33.833	ng/ul	96
53) 2,4-Dinitrophenol	14.994	184	26919	31.872	ng/ul#	79
55) 4-Nitrophenol	15.076	109	35962	33.473	ng/ul	91
56) Dibenzofuran	15.264	168	365116	34.342	ng/ul	97
57) 2,4-Dinitrotoluene	15.235	165	87708	38.986	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.470	232	64210	30.570	ng/ul#	95
59) Diethylphthalate	15.652	149	297922	34.497	ng/ul	97
61) Fluorene	15.911	166	300021	33.608	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.893	204	151683	34.086	ng/ul	97
63) 4-Nitroaniline	15.958	138	65061	43.103	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.987	198	50716	37.710	ng/ul#	81
67) N-Nitrosodiphenylamine	16.116	169	247487	37.415	ng/ul	98
68) 4-Bromophenyl-phenylether	16.792	248	90589	37.683	ng/ul	98
69) Hexachlorobenzene	16.886	284	100348	36.949	ng/ul	95
70) Atrazine	17.045	200	15411	6.127	ng/ul	94
71) Pentachlorophenol	17.239	266	45132	28.874	ng/ul	93
72) Phenanthrene	17.662	178	492430	36.160	ng/ul	98
74) Anthracene	17.750	178	475496	33.815	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.666	216	13050	3.991	ng/uL	90
76) Pentachlorobenzene	15.159	250	121787	37.719	ng/uL	98
77) Carbazole	18.026	167	416834	36.371	ng/ul	98
78) Di-n-butylphthalate	18.531	149	495810	36.496	ng/ul	99
80) Fluoranthene	19.653	202	511012	37.911	ng/ul	97
82) Pyrene	20.018	202	528068	36.986	ng/ul	100
83) Butylbenzylphthalate	20.870	149	199332	39.590	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.810	252	180558	39.903	ng/ul	99
85) Benzo(a)anthracene	21.898	228	488257	35.499	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.722	149	296112	38.731	ng/ul	95
87) Chrysene	21.968	228	458556	35.300	ng/ul	99
89) Di-n-octyl phthalate	23.020	149	503522	37.961	ng/ul	100
90) Benzo(b)fluoranthene	24.272	252	499307	35.745	ng/ul	99
91) Benzo(k)fluoranthene	24.348	252	506023	35.752	ng/ul	96
93) Benzo(a)pyrene	25.235	252	451551	34.076	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.418	276	482889	32.192	ng/ul	98
95) Dibenzo(a,h)anthracene	29.489	278	190649	15.629	ng/ul	96
96) Benzo(g,h,i)perylene	30.717	276	458495	37.592	ng/ul	96

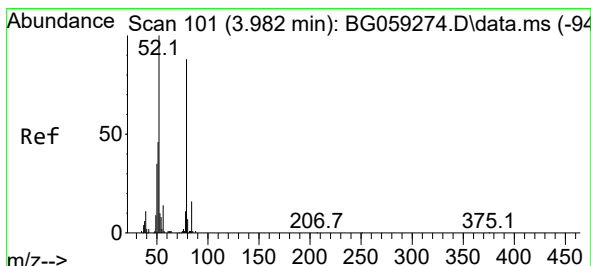
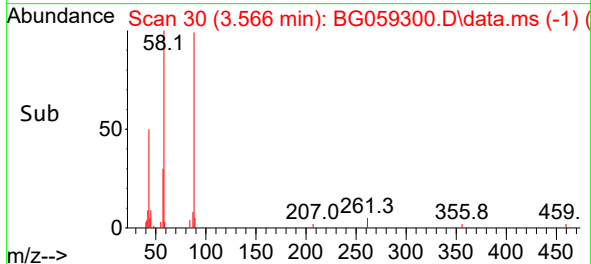
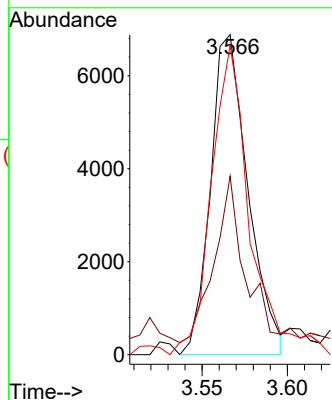
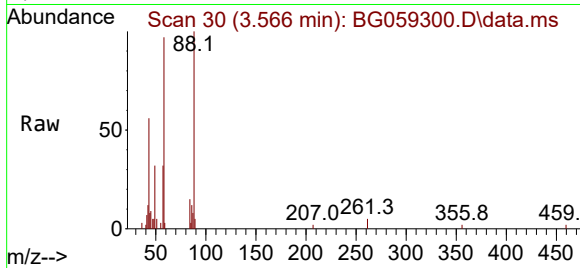
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#2
1,4-Dioxane
Concen: 9.688 ng/uL
RT: 3.566 min Scan# 30
Delta R.T. 0.000 min
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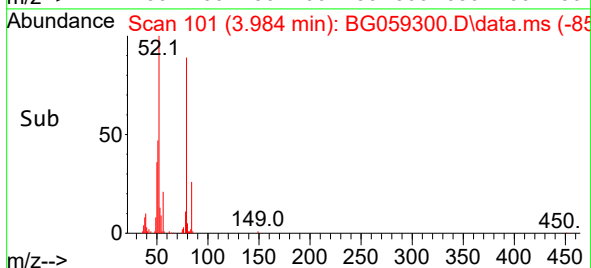
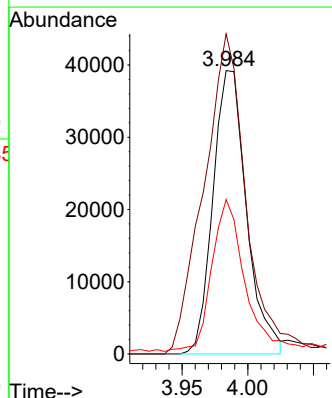
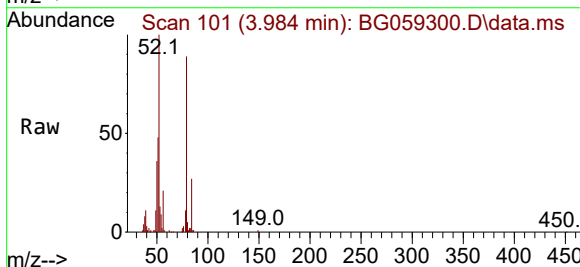
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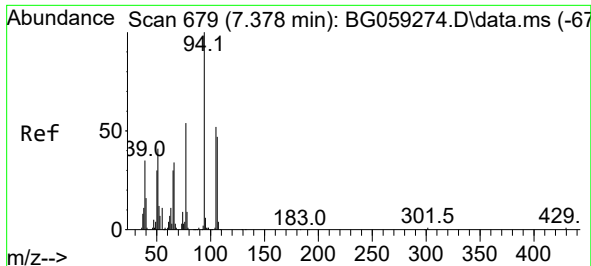
Tgt Ion: 88 Resp: 10538
Ion Ratio Lower Upper
88 100
43 55.8 34.5 51.7#
58 96.6 96.6 145.0



#5
Pyridine
Concen: 25.407 ng/uL
RT: 3.984 min Scan# 101
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 79 Resp: 69698
Ion Ratio Lower Upper
79 100
52 112.9 94.8 142.2
51 54.5 48.2 72.2

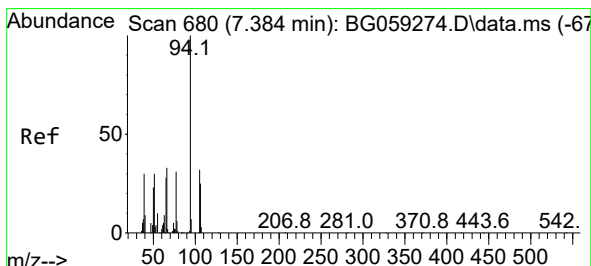
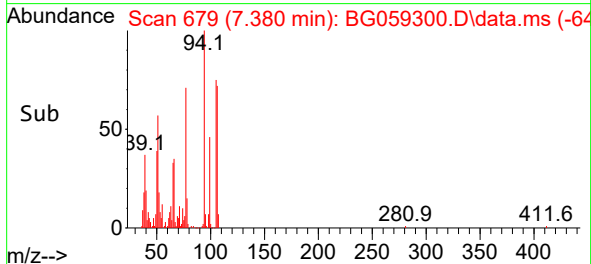
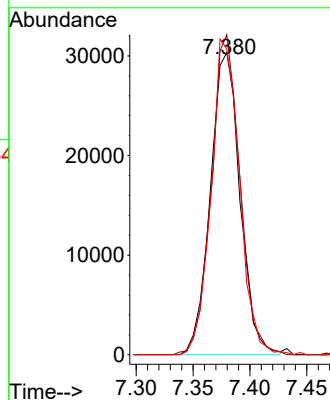
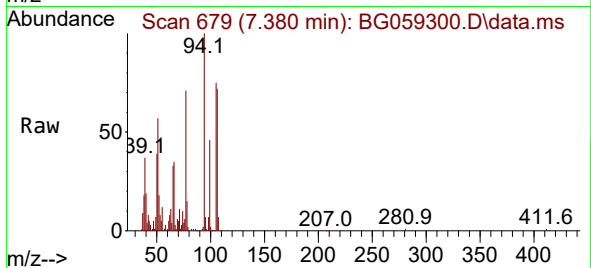




#6
Benzaldehyde
Concen: 35.830 ng/ul
RT: 7.380 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

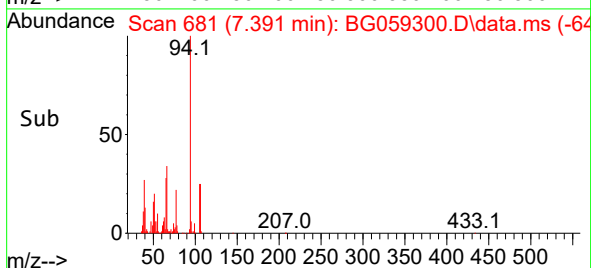
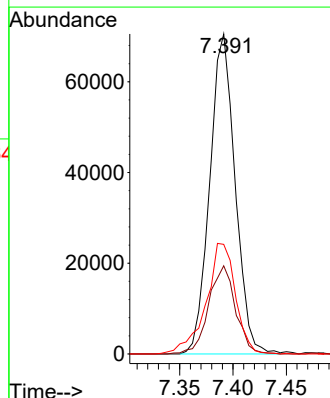
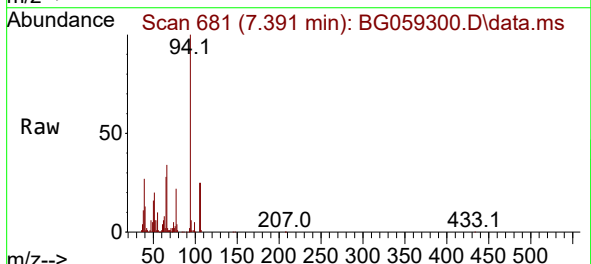
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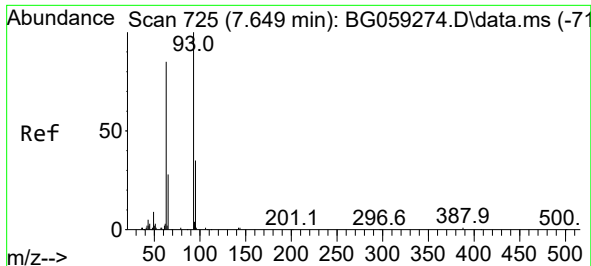
Tgt Ion: 77 Resp: 55037
Ion Ratio Lower Upper
77 100
105 105.9 81.4 122.2
106 101.2 78.3 117.5



#8
Phenol
Concen: 33.582 ng/ul
RT: 7.391 min Scan# 681
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 94 Resp: 116850
Ion Ratio Lower Upper
94 100
65 27.5 23.6 35.4
66 34.2 24.6 37.0

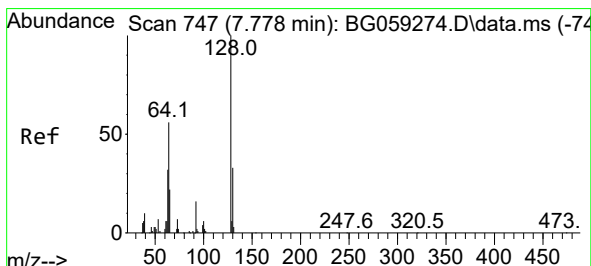
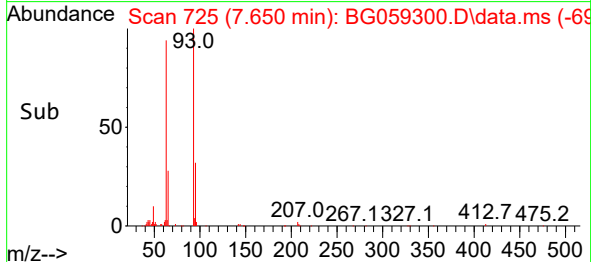
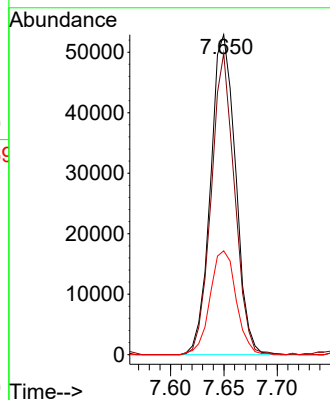
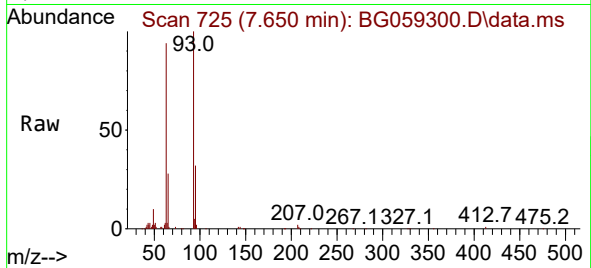




#10
Bis(2-Chloroethyl)ether
Concen: 30.211 ng/ul
RT: 7.650 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

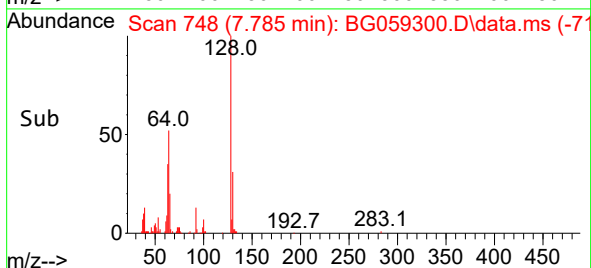
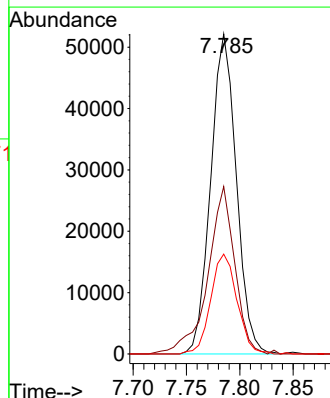
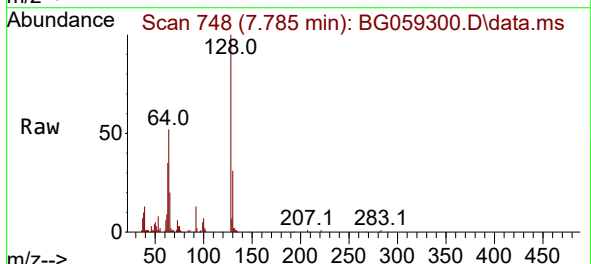
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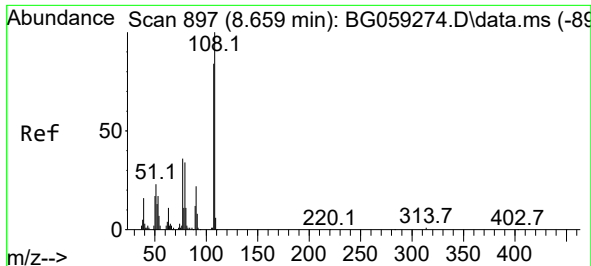
Tgt Ion: 93 Resp: 86214
Ion Ratio Lower Upper
93 100
63 94.2 76.0 114.0
95 32.4 26.6 39.8



#12
2-Chlorophenol
Concen: 35.164 ng/ul
RT: 7.785 min Scan# 748
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:128 Resp: 87175
Ion Ratio Lower Upper
128 100
64 52.3 42.6 64.0
130 31.2 23.3 34.9

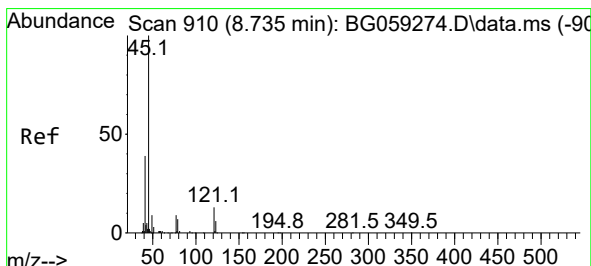
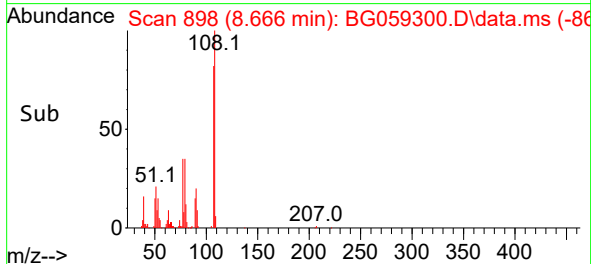
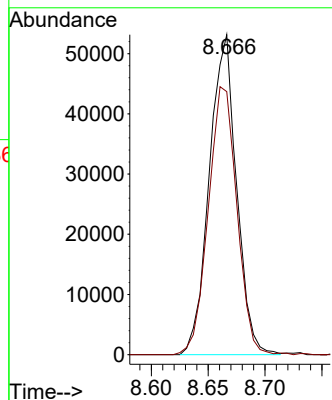
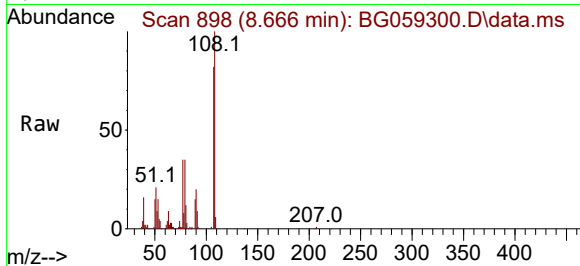




#13
2-Methylphenol
Concen: 33.701 ng/ul
RT: 8.666 min Scan# 897
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

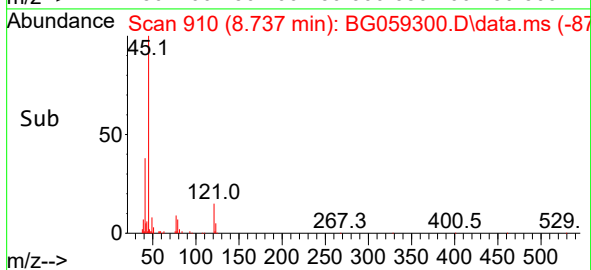
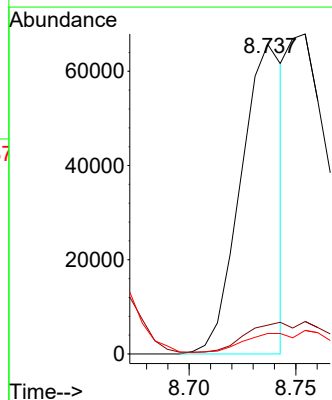
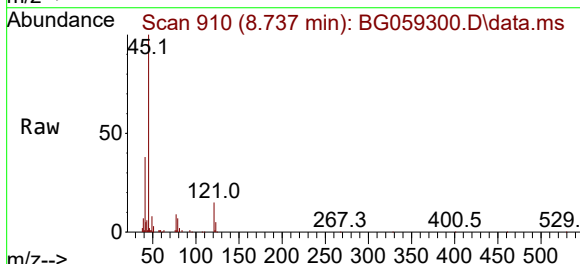
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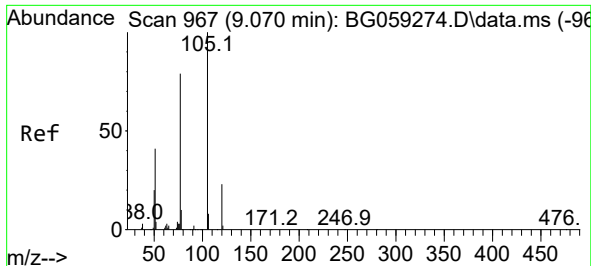
Tgt Ion:108 Resp: 88598
Ion Ratio Lower Upper
108 100
107 82.2 67.3 100.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 14.326 ng/ul
RT: 8.737 min Scan# 910
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 45 Resp: 90379
Ion Ratio Lower Upper
45 100
77 9.3 6.6 9.8
79 6.6 5.9 8.9

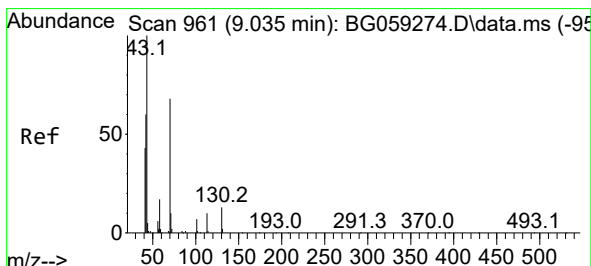
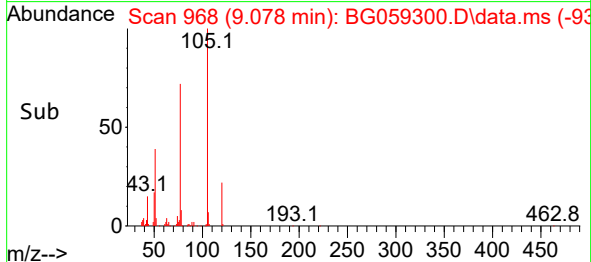
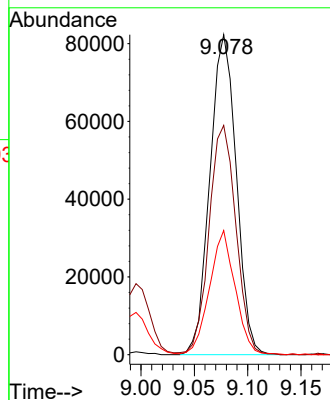
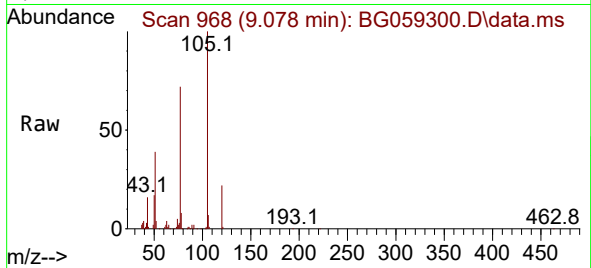




#16
Acetophenone
Concen: 33.802 ng/ul
RT: 9.078 min Scan# 967
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

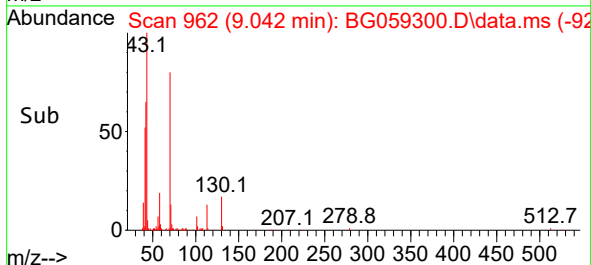
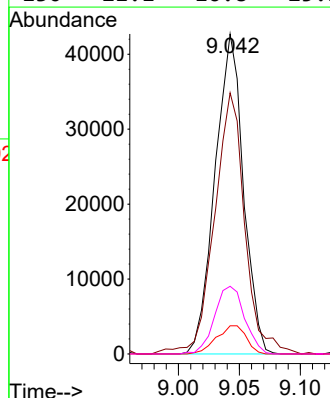
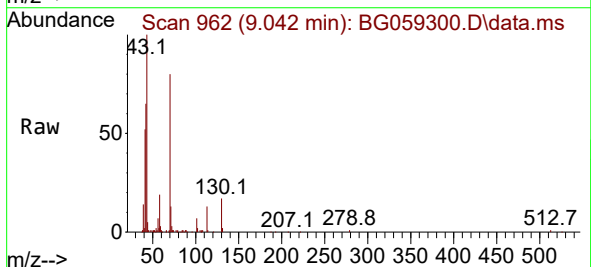
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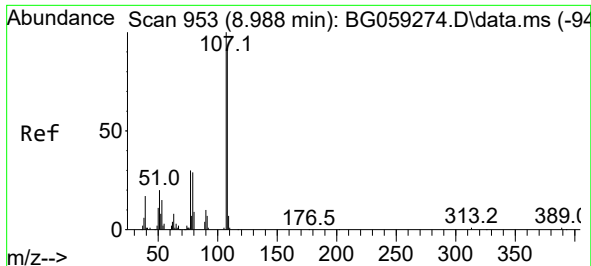
Tgt Ion:105 Resp: 141545
Ion Ratio Lower Upper
105 100
77 71.6 58.8 88.2
51 38.8 32.6 48.8



#17
N-Nitroso-di-n-propylamine
Concen: 32.575 ng/ul
RT: 9.042 min Scan# 962
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 70 Resp: 69194
Ion Ratio Lower Upper
70 100
42 81.6 69.6 104.4
101 8.8 6.7 10.1
130 21.1 16.8 25.2

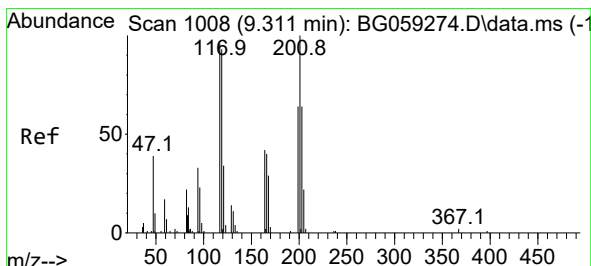
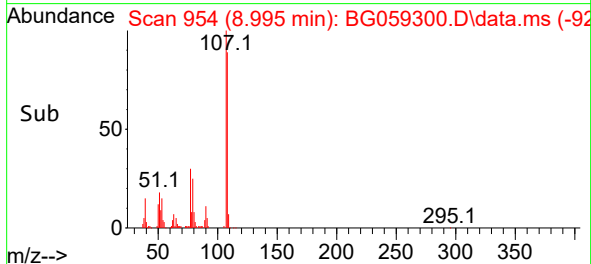
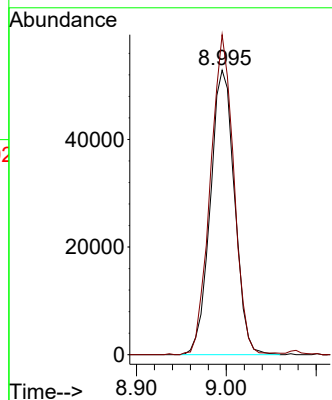
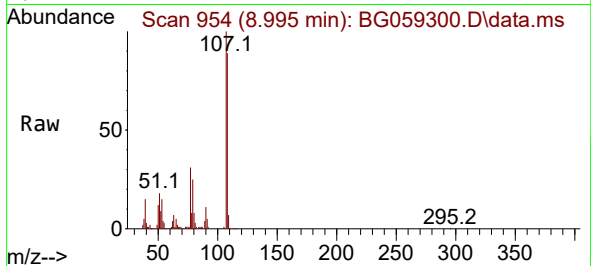




#18
4-Methylphenol
Concen: 35.577 ng/ul
RT: 8.995 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

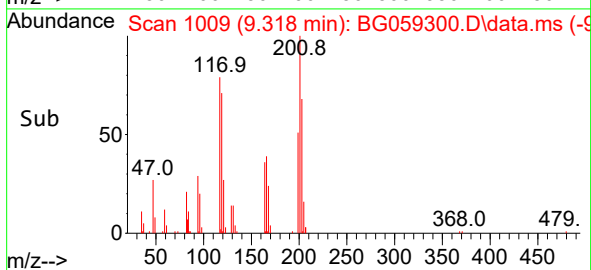
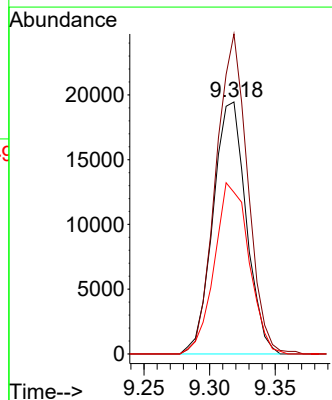
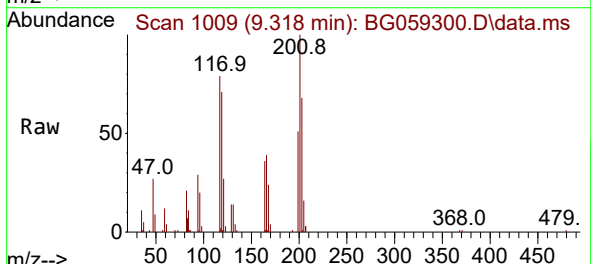
Instrument :
BNA_G
ClientSampleId :
SLCS814

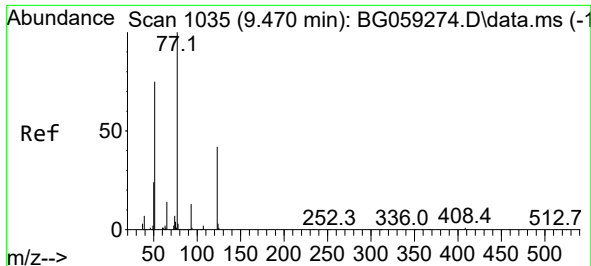
Tgt Ion:108 Resp: 99097
Ion Ratio Lower Upper
108 100
107 112.5 83.8 125.8



#19
Hexachloroethane
Concen: 34.968 ng/ul
RT: 9.318 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:117 Resp: 34152
Ion Ratio Lower Upper
117 100
201 127.0 78.2 117.4#
199 64.1 53.5 80.3

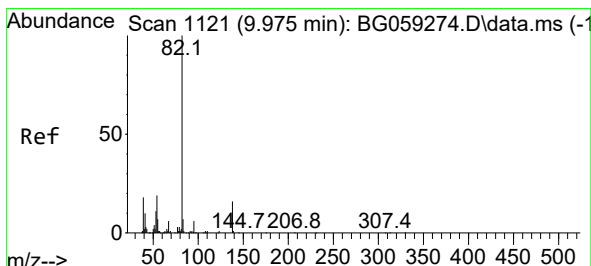
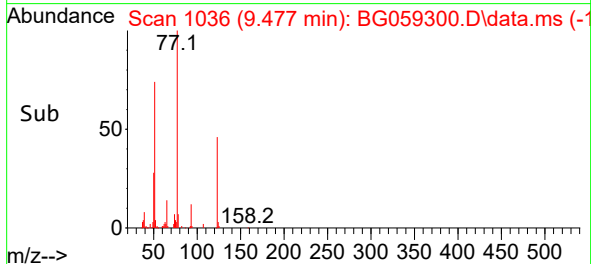
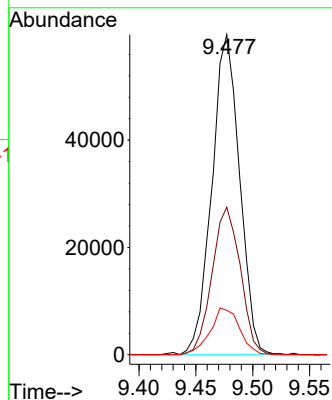
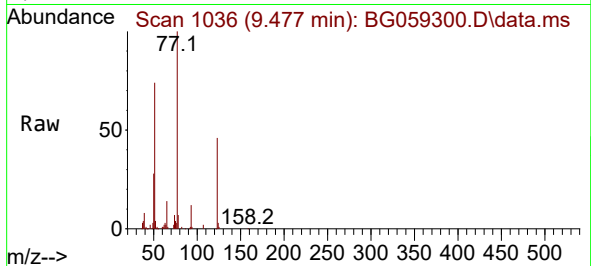




#22
Nitrobenzene
Concen: 31.245 ng/ul
RT: 9.477 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

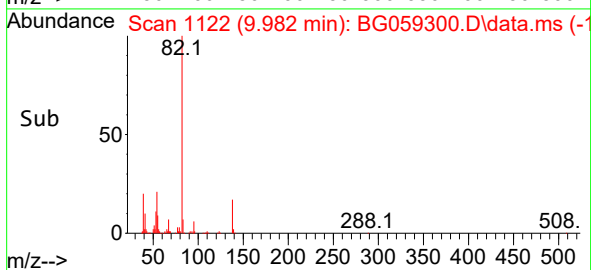
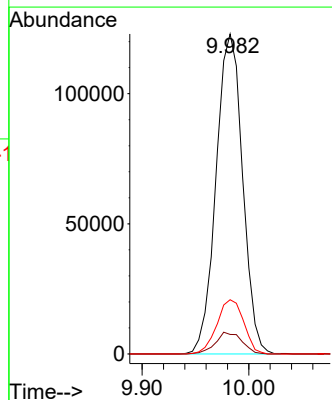
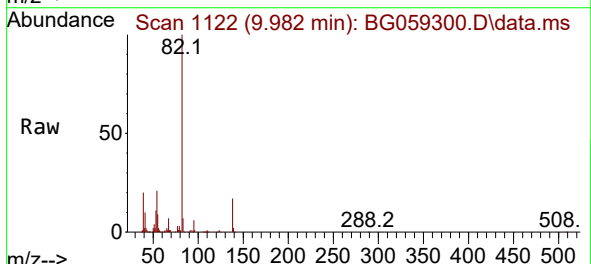
Instrument :
BNA_G
ClientSampleId :
SLCS814

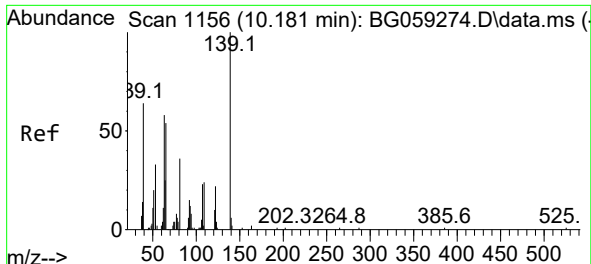
Tgt Ion: 77 Resp: 101158
Ion Ratio Lower Upper
77 100
123 46.1 34.6 52.0
65 13.9 13.0 19.4



#23
Isophorone
Concen: 30.493 ng/ul
RT: 9.982 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 82 Resp: 212294
Ion Ratio Lower Upper
82 100
95 6.1 4.7 7.1
138 17.0 13.5 20.3

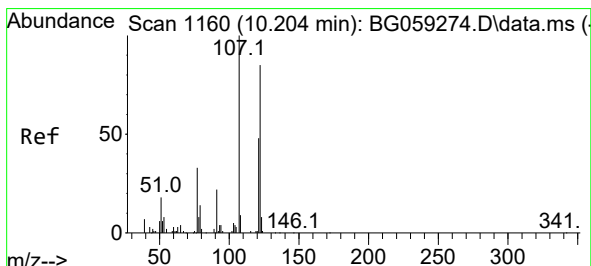
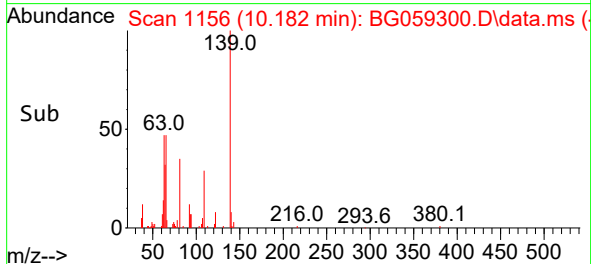
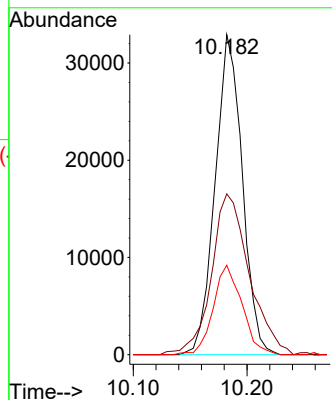
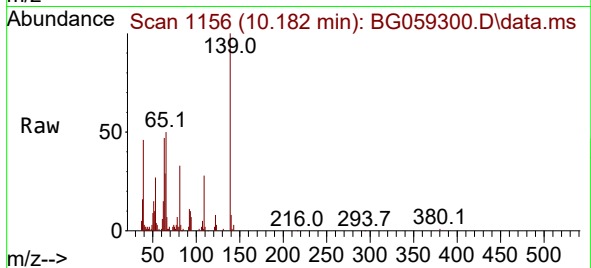




#25
2-Nitrophenol
Concen: 38.535 ng/ul
RT: 10.182 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

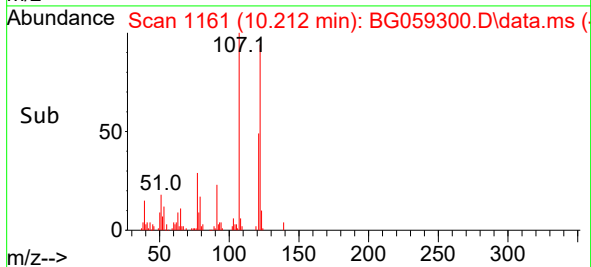
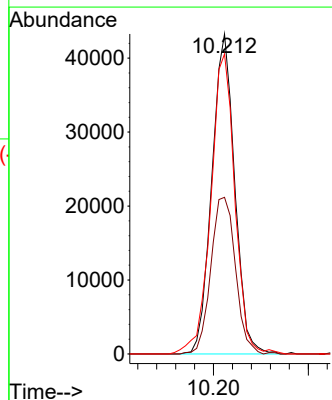
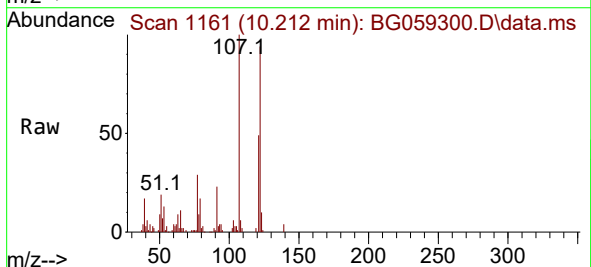
Instrument :
BNA_G
ClientSampleId :
SLCS814

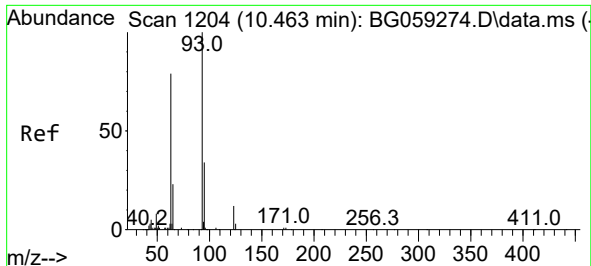
Tgt Ion:139 Resp: 54667
Ion Ratio Lower Upper
139 100
65 50.3 41.2 61.8
109 27.9 22.6 33.8



#26
2,4-Dimethylphenol
Concen: 23.855 ng/ul
RT: 10.212 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:107 Resp: 72361
Ion Ratio Lower Upper
107 100
121 49.0 42.3 63.5
122 93.8 75.2 112.8





#27

Bis(2-Chloroethoxy)methane

Concen: 29.898 ng/ul

RT: 10.464 min Scan# 1204

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

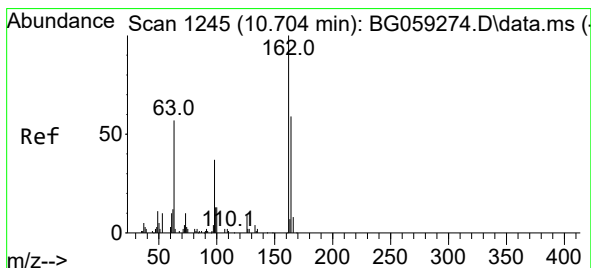
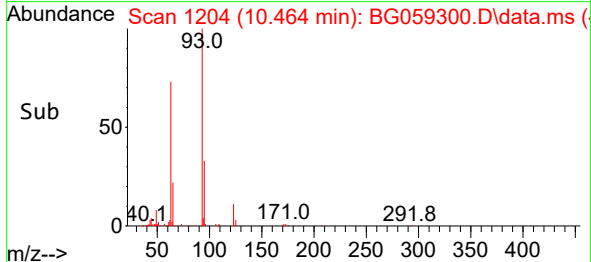
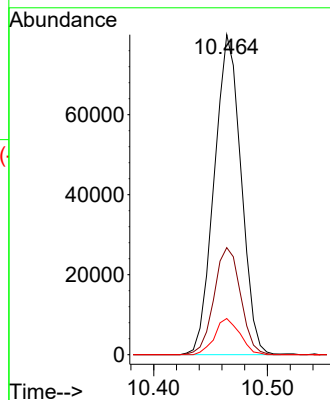
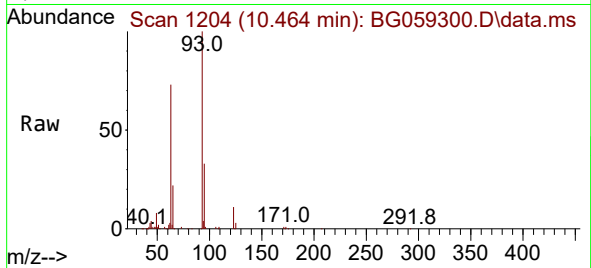
Tgt Ion: 93 Resp: 131337

Ion Ratio Lower Upper

93 100

95 33.5 26.5 39.7

123 11.3 7.3 10.9#



#29

2,4-Dichlorophenol

Concen: 35.628 ng/ul

RT: 10.705 min Scan# 1245

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

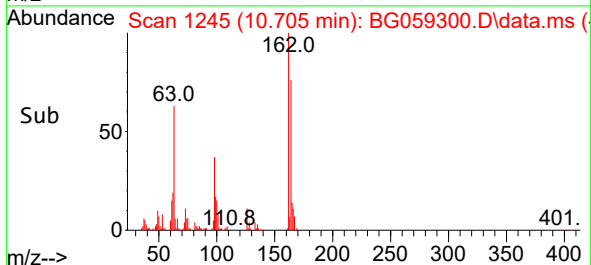
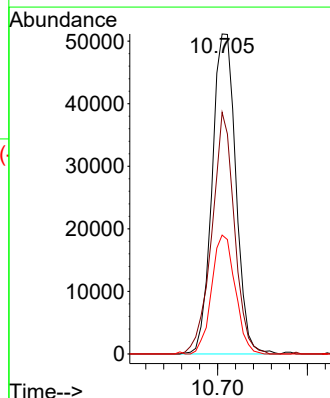
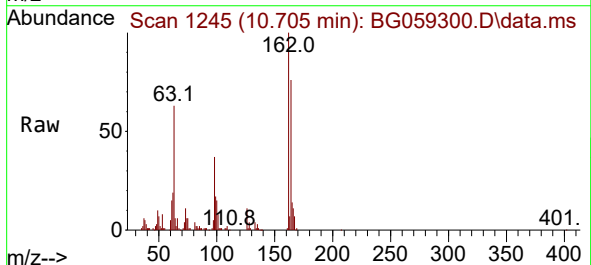
Tgt Ion:162 Resp: 93673

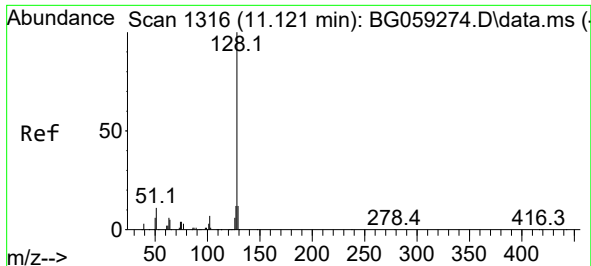
Ion Ratio Lower Upper

162 100

164 75.5 52.5 78.7

98 37.2 28.9 43.3

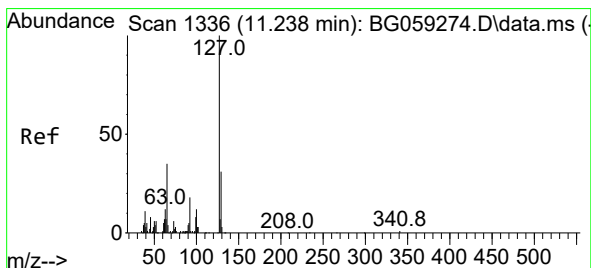
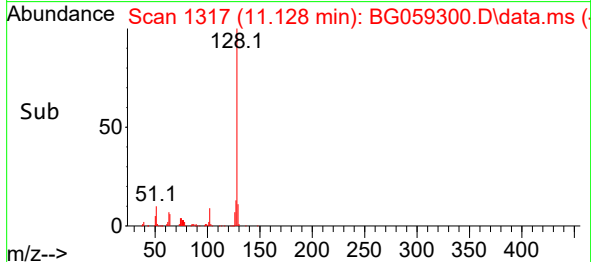
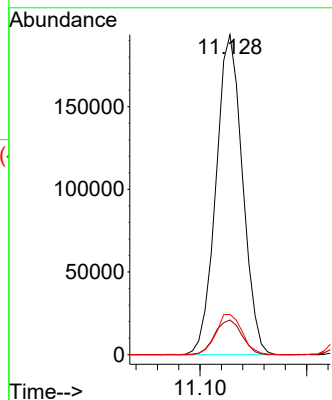
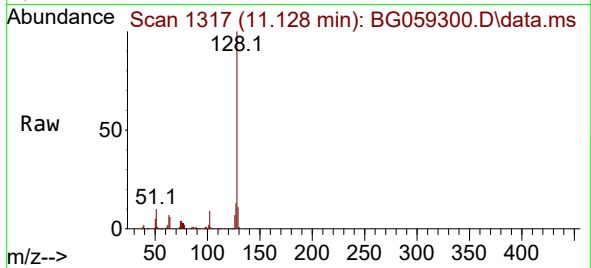




#30
Naphthalene
Concen: 33.526 ng/ul
RT: 11.128 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

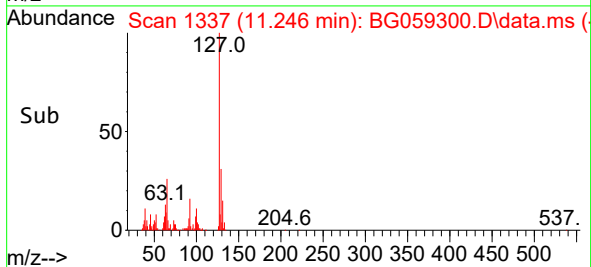
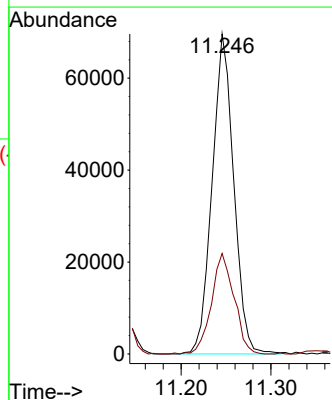
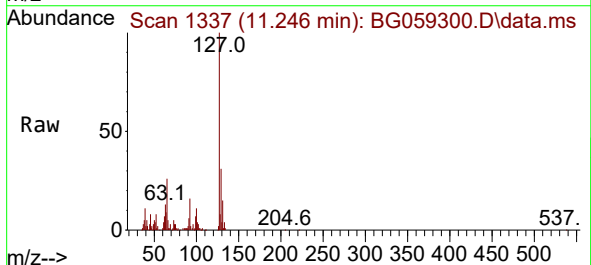
Instrument :
BNA_G
ClientSampleId :
SLCS814

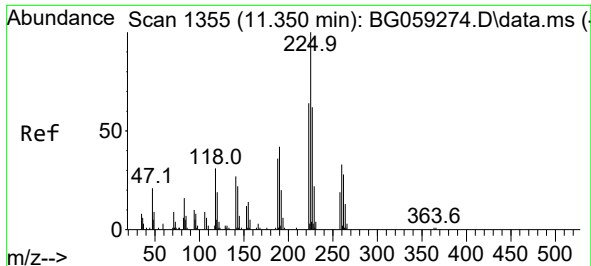
Tgt Ion:128 Resp: 334101
Ion Ratio Lower Upper
128 100
129 10.9 8.0 12.0
127 12.6 11.1 16.7



#32
4-Chloroaniline
Concen: 28.399 ng/ul
RT: 11.246 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:127 Resp: 116212
Ion Ratio Lower Upper
127 100
129 31.4 23.6 35.4

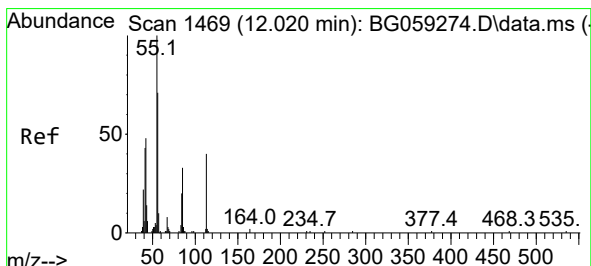
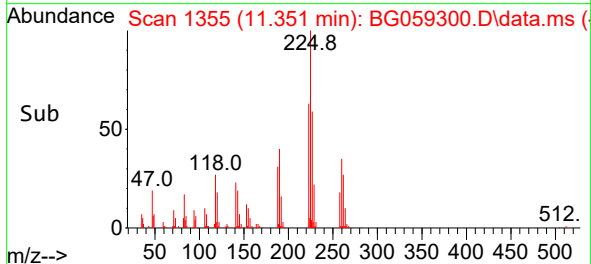
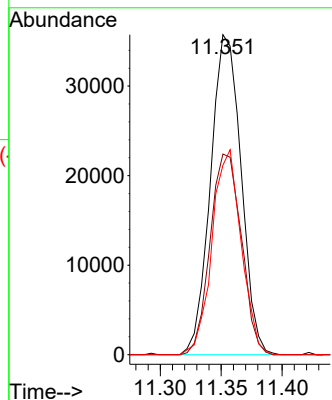
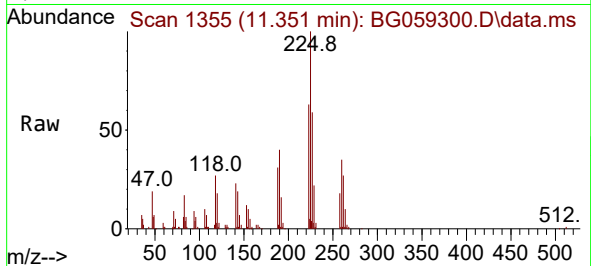




#33
Hexachlorobutadiene
Concen: 35.442 ng/ul
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

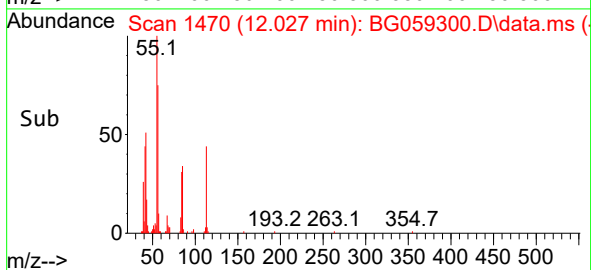
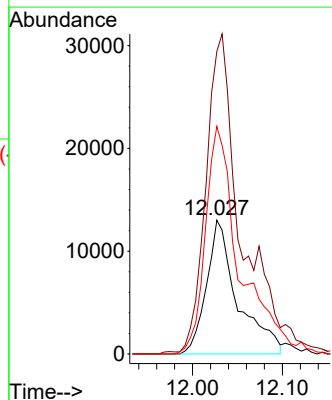
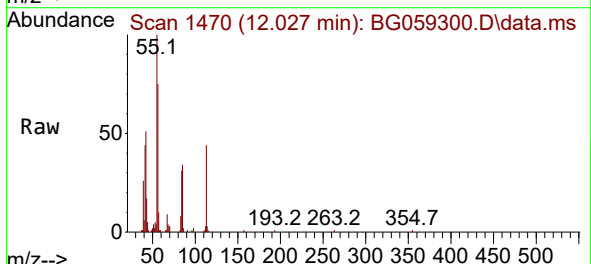
Instrument :
BNA_G
ClientSampleId :
SLCS814

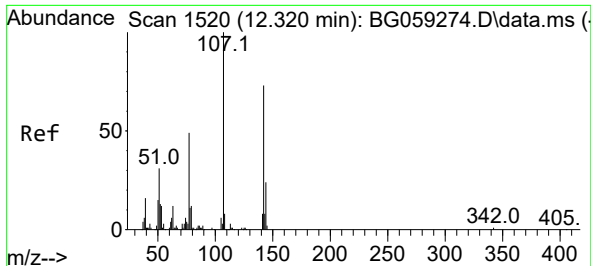
Tgt Ion:225 Resp: 62364
Ion Ratio Lower Upper
225 100
223 62.7 54.1 81.1
227 59.2 53.5 80.3



#34
Caprolactam
Concen: 34.487 ng/ul
RT: 12.027 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:113 Resp: 31374
Ion Ratio Lower Upper
113 100
55 226.1 211.3 316.9
56 170.0 167.9 251.9

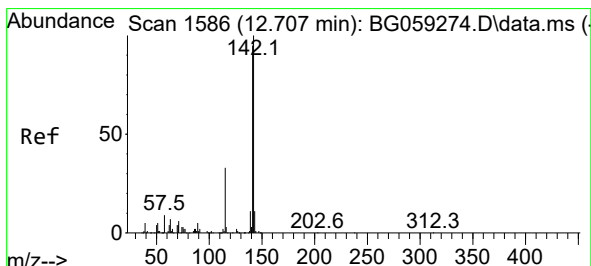
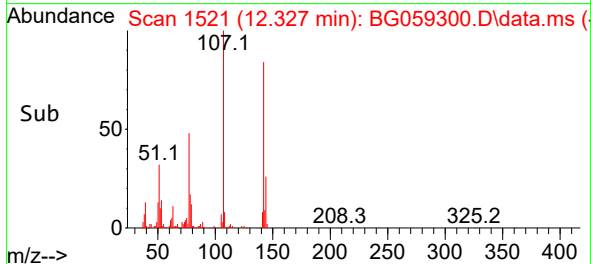
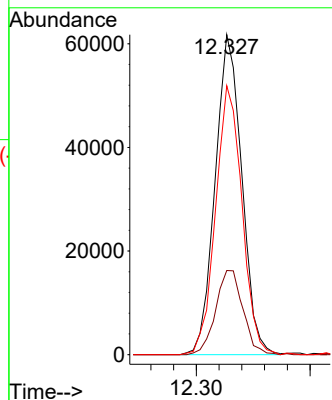
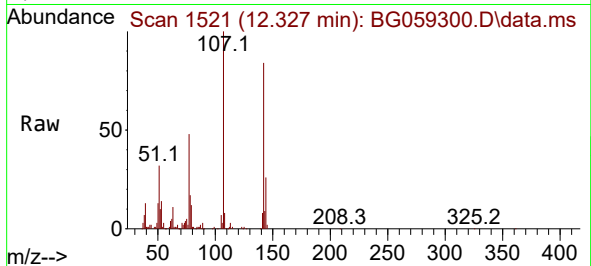




#35
4-Chloro-3-methylphenol
Concen: 35.830 ng/ul
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

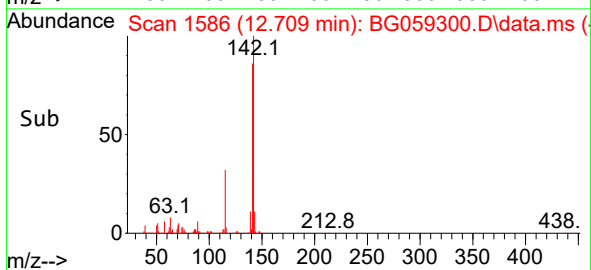
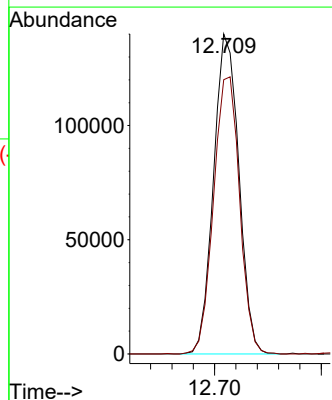
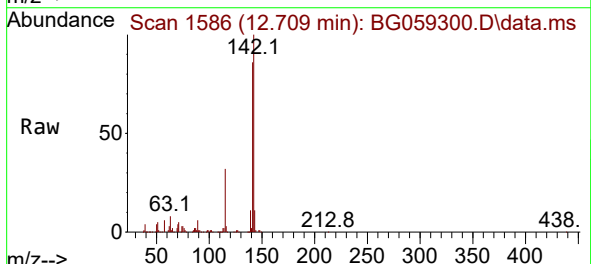
Instrument :
BNA_G
ClientSampleId :
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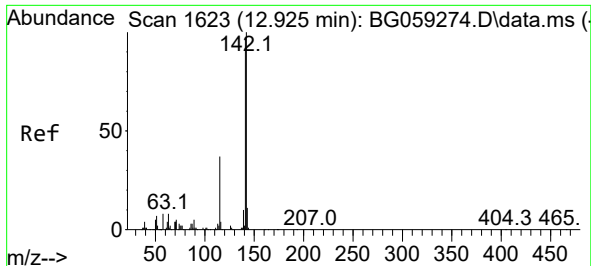
Tgt Ion:107 Resp: 100513
Ion Ratio Lower Upper
107 100
144 26.3 20.2 30.2
142 84.1 58.8 88.2



#36
2-Methylnaphthalene
Concen: 35.287 ng/ul
RT: 12.709 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:142 Resp: 230364
Ion Ratio Lower Upper
142 100
141 85.7 70.2 105.2

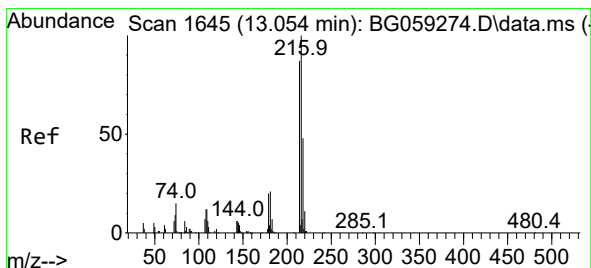
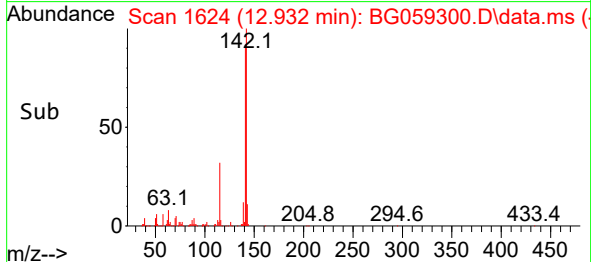
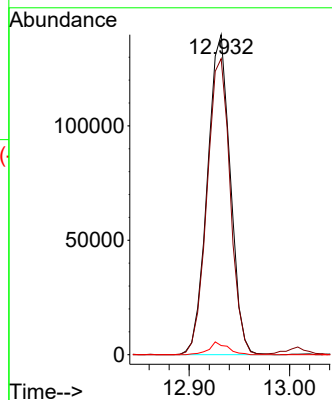
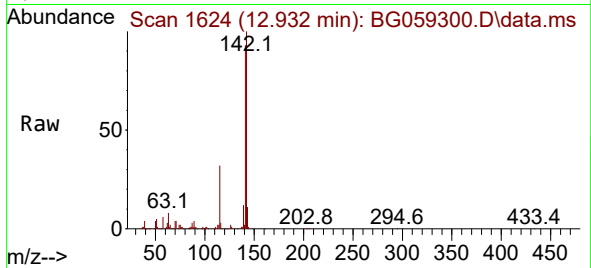




#37
1-Methylnaphthalene
Concen: 33.577 ng/ul
RT: 12.932 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

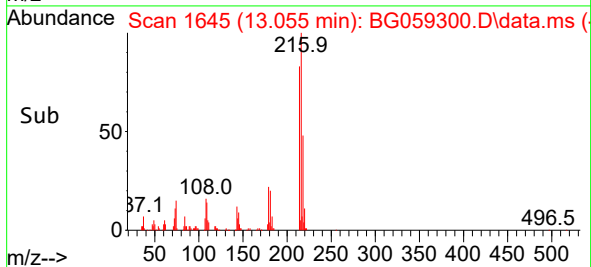
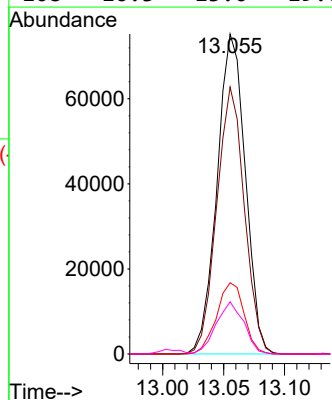
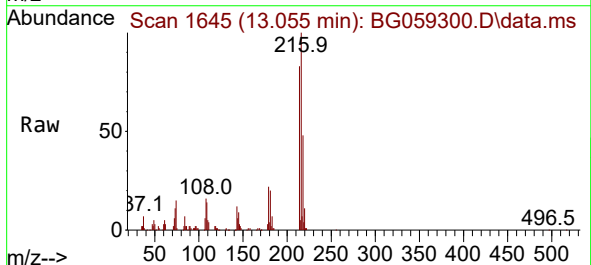
Instrument :
BNA_G
ClientSampleId :
SLCS814

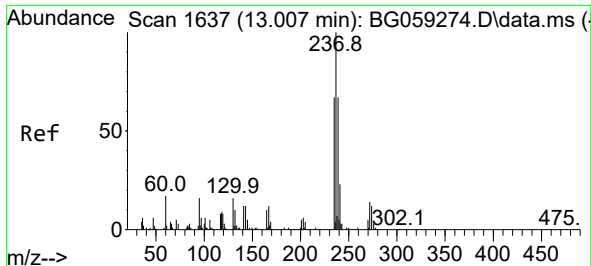
Tgt Ion:142 Resp: 222474
Ion Ratio Lower Upper
142 100
141 92.5 71.6 107.4
116 2.8 2.3 3.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.523 ng/ul
RT: 13.055 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:216 Resp: 121070
Ion Ratio Lower Upper
216 100
214 83.4 62.4 93.6
179 22.2 16.3 24.5
108 16.3 13.0 19.6

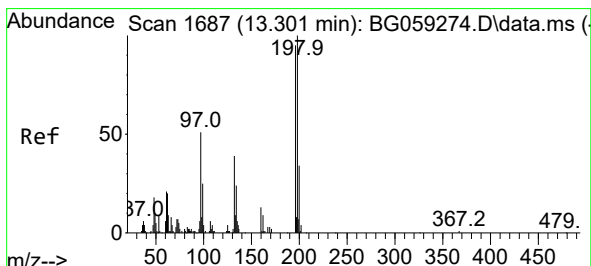
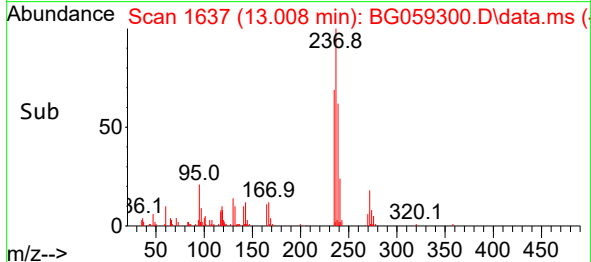
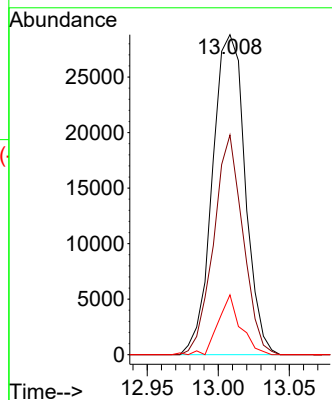
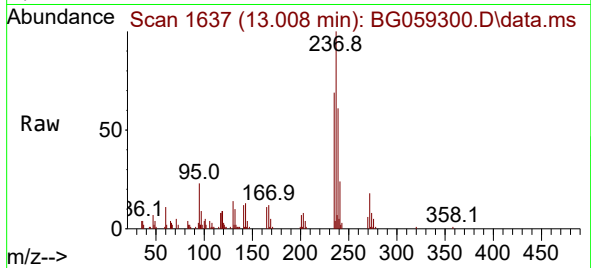




#40
Hexachlorocyclopentadiene
Concen: 20.710 ng/ul
RT: 13.008 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

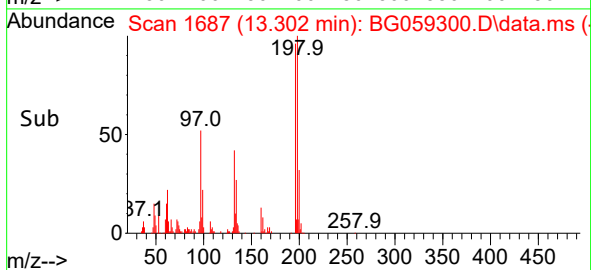
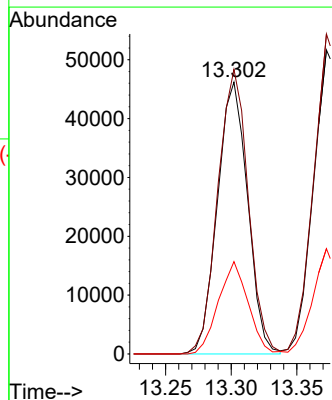
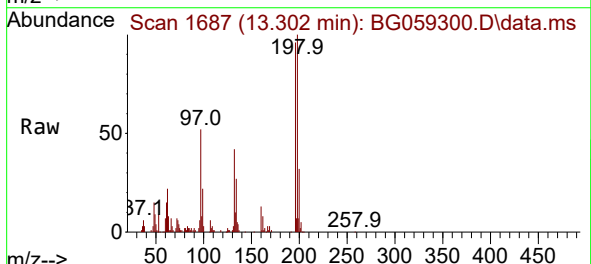
Instrument :
BNA_G
ClientSampleId :
SLCS814

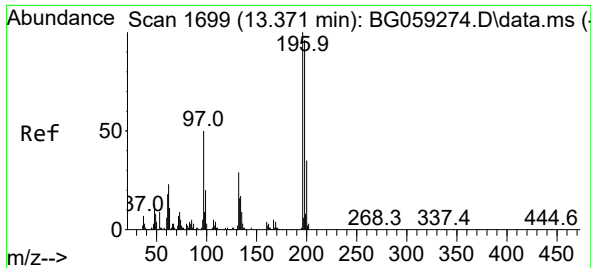
Tgt Ion:237 Resp: 46138
Ion Ratio Lower Upper
237 100
235 68.7 50.6 76.0
272 18.7 11.7 17.5#



#41
2,4,6-Trichlorophenol
Concen: 33.486 ng/ul
RT: 13.302 min Scan# 1687
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:196 Resp: 74042
Ion Ratio Lower Upper
196 100
198 104.7 72.4 108.6
200 34.0 23.8 35.8

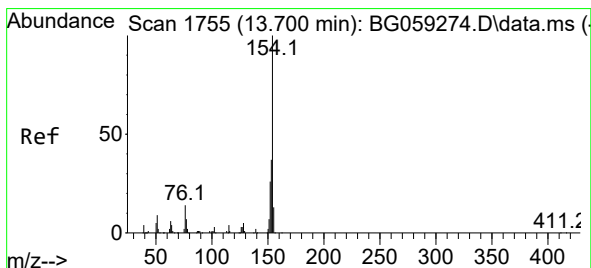
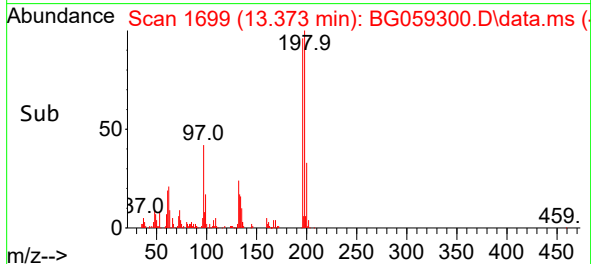
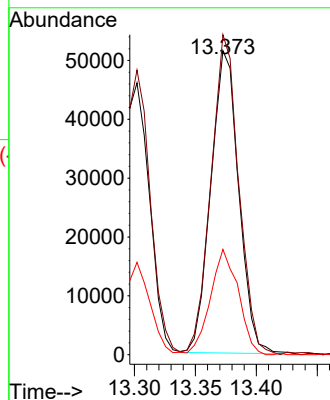
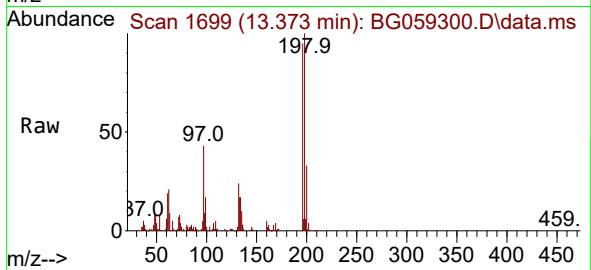




#42
2,4,5-Trichlorophenol
Concen: 35.207 ng/ul
RT: 13.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

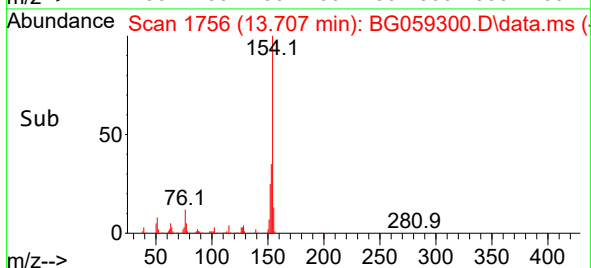
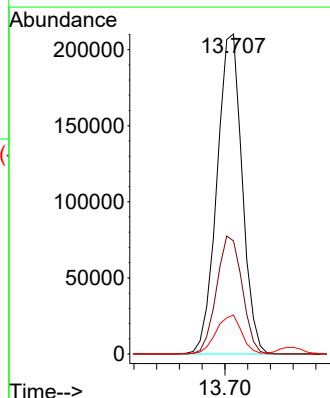
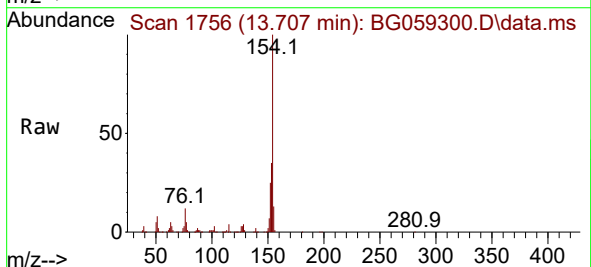
Instrument :
BNA_G
ClientSampleId :
SLCS814

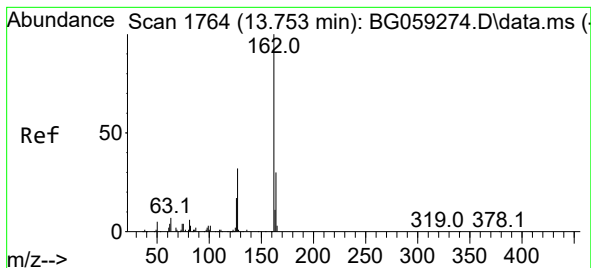
Tgt Ion:196 Resp: 81686
Ion Ratio Lower Upper
196 100
198 105.3 82.2 123.4
200 34.7 28.2 42.2



#43
1,1'-Biphenyl
Concen: 33.177 ng/ul
RT: 13.707 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:154 Resp: 323224
Ion Ratio Lower Upper
154 100
153 35.4 29.2 43.8
76 12.2 10.1 15.1

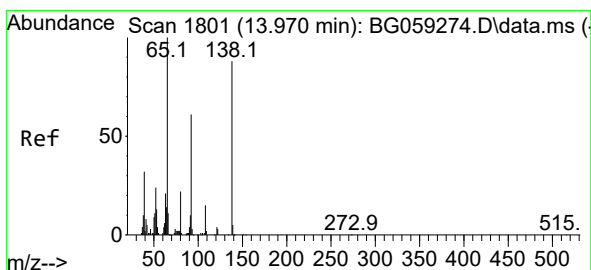
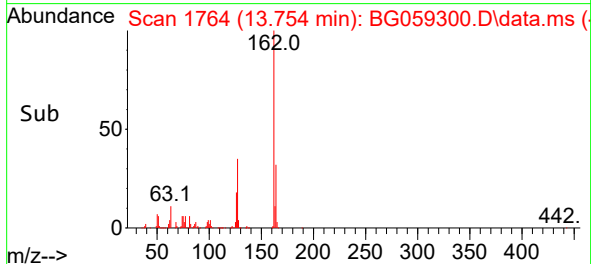
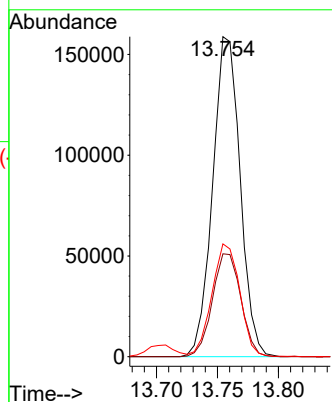
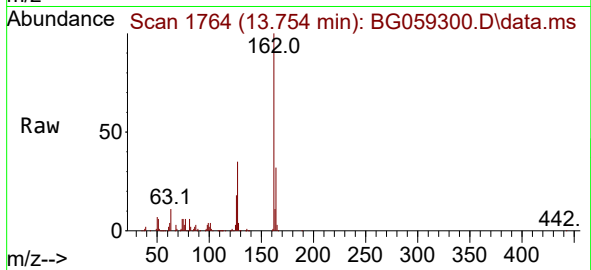




#44
2-Chloronaphthalene
Concen: 33.949 ng/ul
RT: 13.754 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

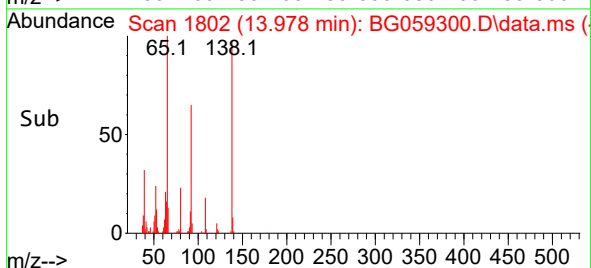
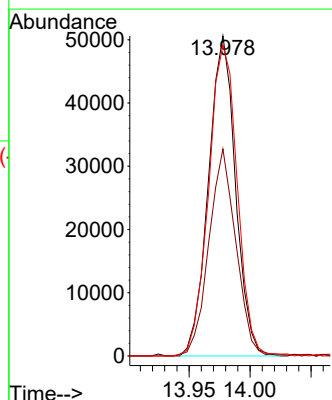
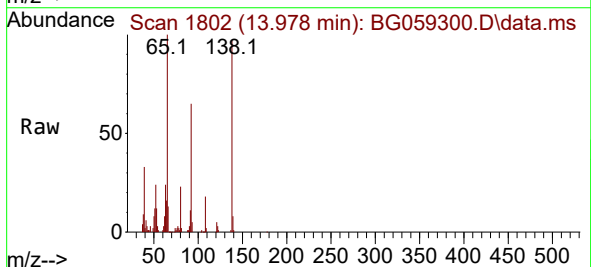
Instrument :
BNA_G
ClientSampleId :
SLCS814

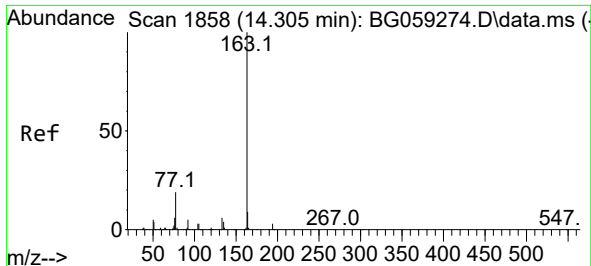
Tgt Ion:162 Resp: 249020
Ion Ratio Lower Upper
162 100
164 32.2 24.6 37.0
127 35.3 28.1 42.1



#45
2-Nitroaniline
Concen: 37.774 ng/ul
RT: 13.978 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion: 65 Resp: 78156
Ion Ratio Lower Upper
65 100
92 64.7 51.0 76.4
138 97.2 80.5 120.7

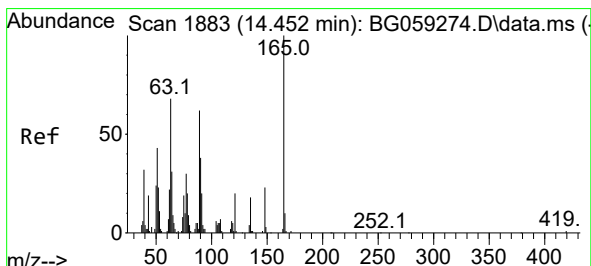
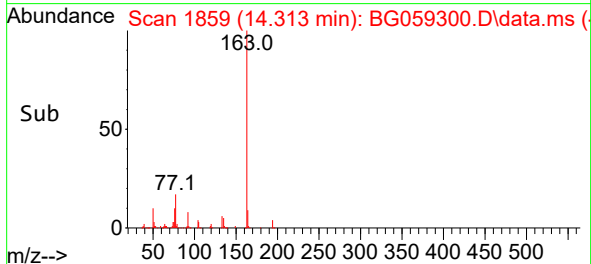
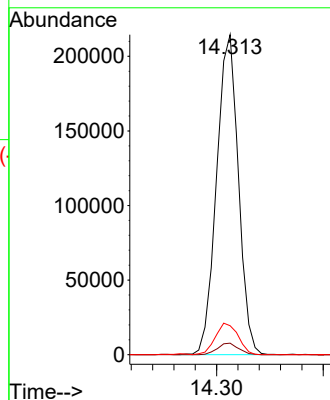
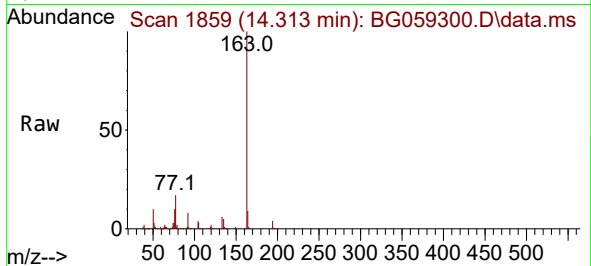




#47
Dimethylphthalate
Concen: 34.054 ng/ul
RT: 14.313 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

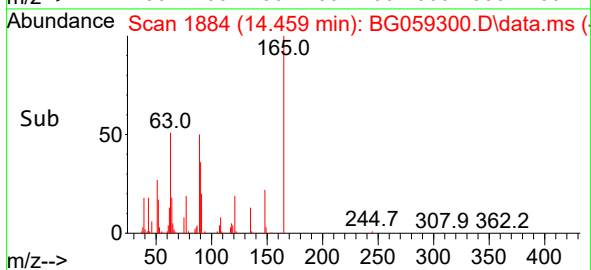
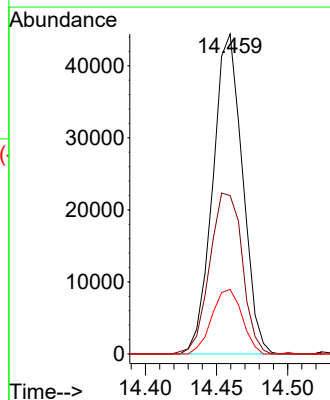
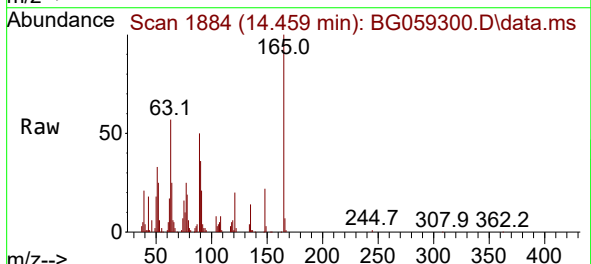
Instrument :
BNA_G
ClientSampleId :
SLCS814

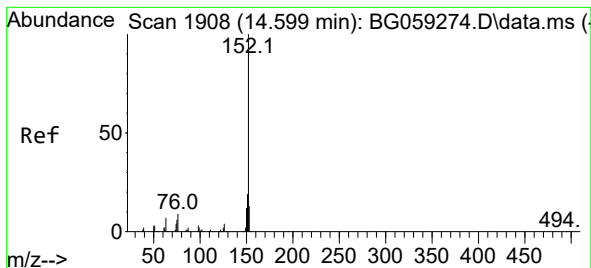
Tgt Ion:163 Resp: 304216
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.1 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 42.459 ng/ul
RT: 14.459 min Scan# 1884
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:165 Resp: 64512
Ion Ratio Lower Upper
165 100
89 49.5 53.0 79.4#
121 20.1 19.2 28.8





#50

Acenaphthylene

Concen: 31.827 ng/ul

RT: 14.600 min Scan# 1908

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

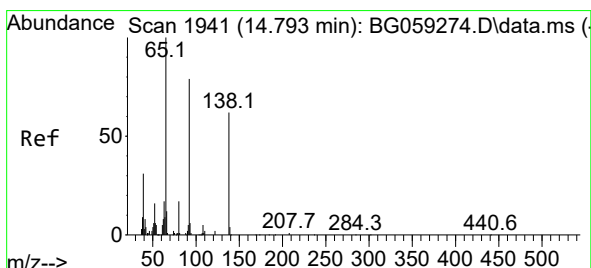
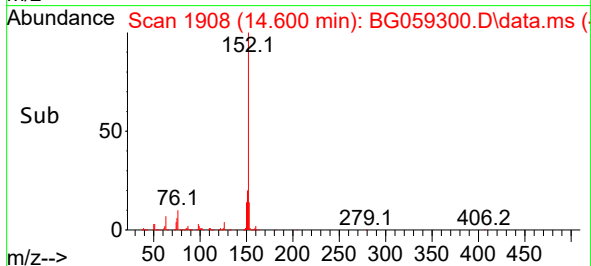
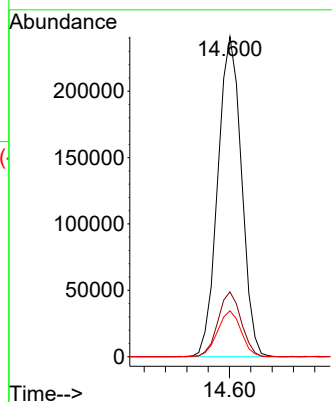
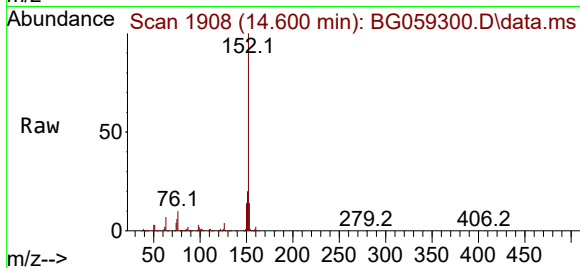
Tgt Ion:152 Resp: 371899

Ion Ratio Lower Upper

152 100

151 20.3 14.6 21.8

153 14.3 10.9 16.3



#51

3-Nitroaniline

Concen: 41.183 ng/ul

RT: 14.794 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

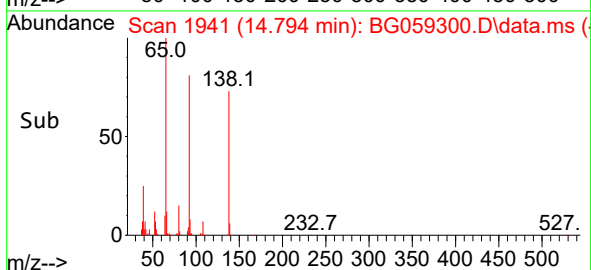
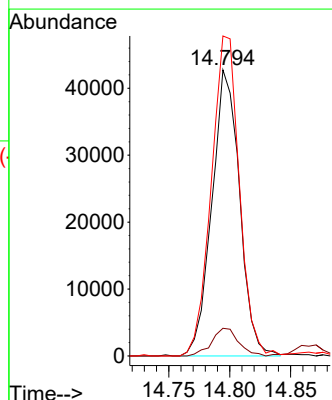
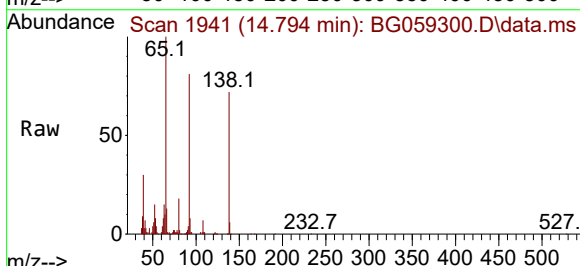
Tgt Ion:138 Resp: 67549

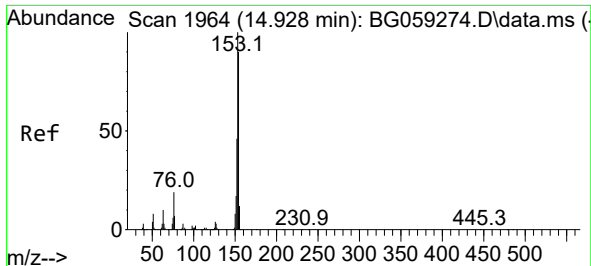
Ion Ratio Lower Upper

138 100

108 9.7 10.0 15.0#

92 111.8 95.0 142.6

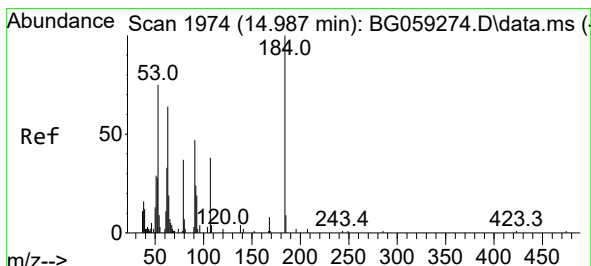
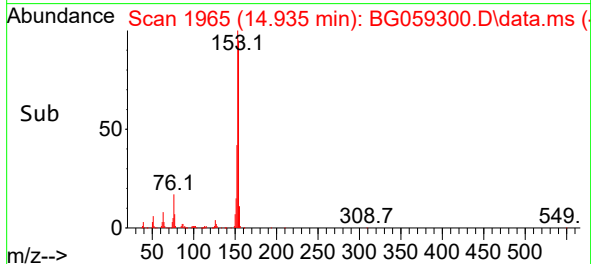
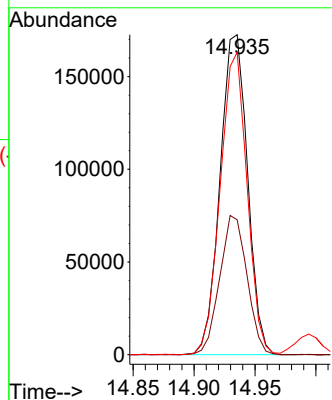
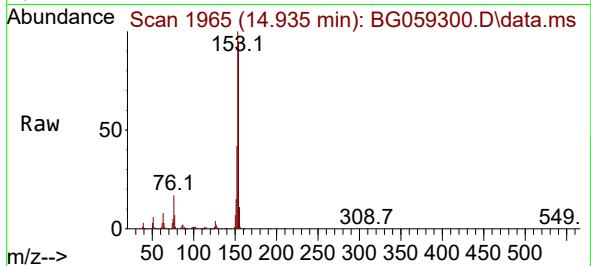




#52
Acenaphthene
Concen: 33.833 ng/ul
RT: 14.935 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

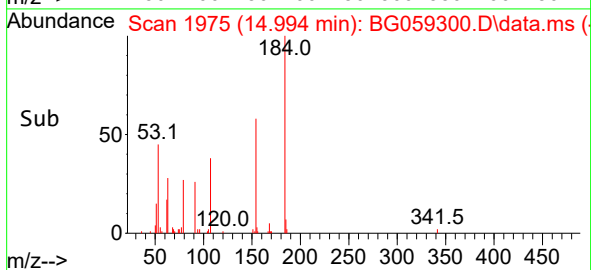
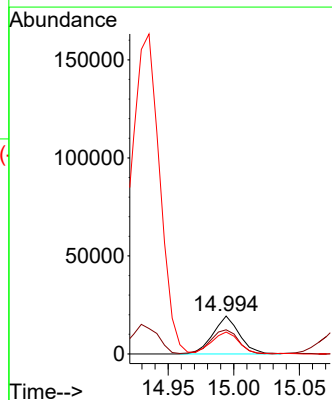
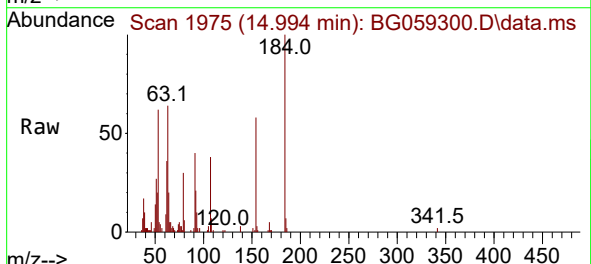
Instrument :
BNA_G
ClientSampleId :
SLCS814

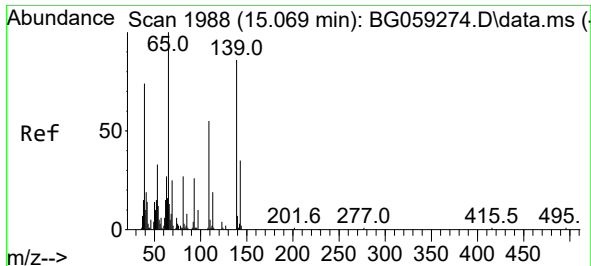
Tgt Ion:153 Resp: 271363
Ion Ratio Lower Upper
153 100
152 42.2 38.5 57.7
154 94.5 76.3 114.5



#53
2,4-Dinitrophenol
Concen: 31.872 ng/ul
RT: 14.994 min Scan# 1975
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:184 Resp: 26919
Ion Ratio Lower Upper
184 100
63 63.9 69.9 104.9#
154 57.9 38.6 58.0

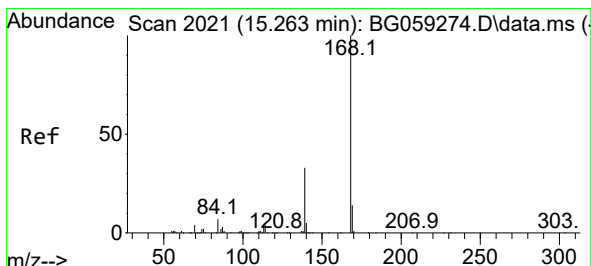
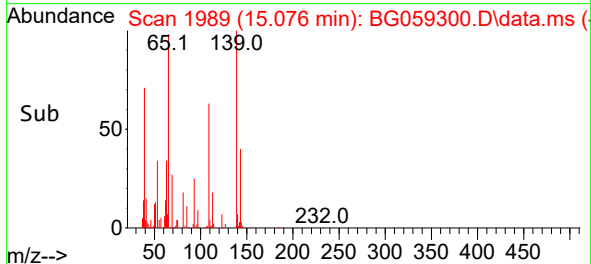
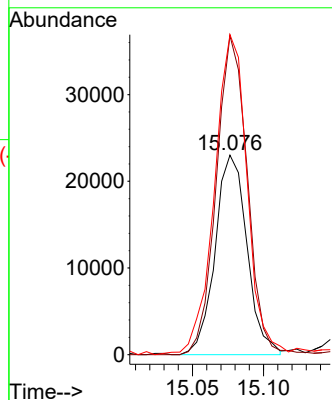
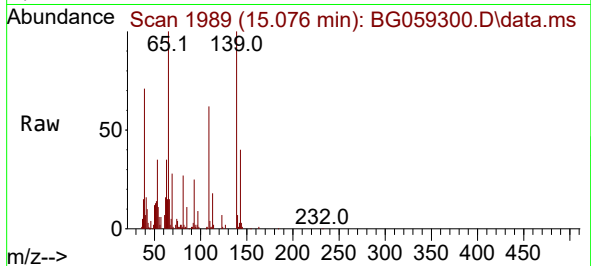




#55
4-Nitrophenol
Concen: 33.473 ng/ul
RT: 15.076 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

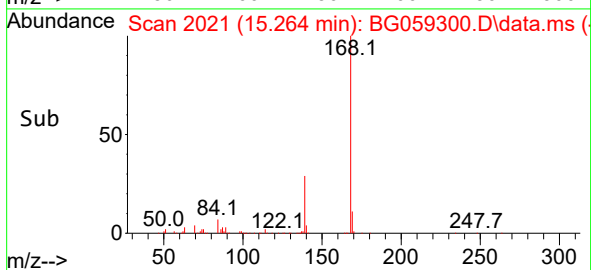
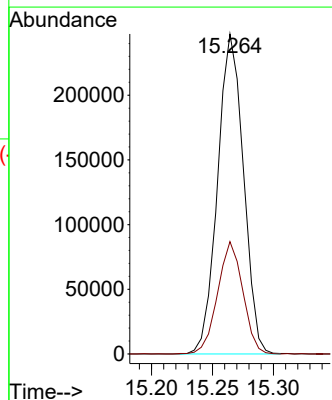
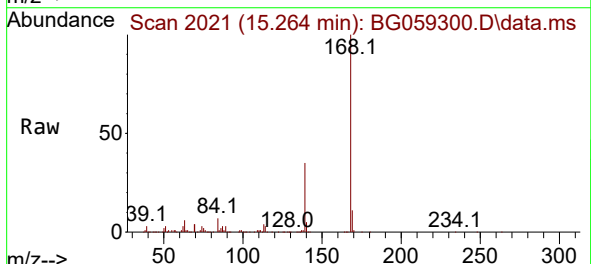
Instrument :
BNA_G
ClientSampleId :
SLCS814

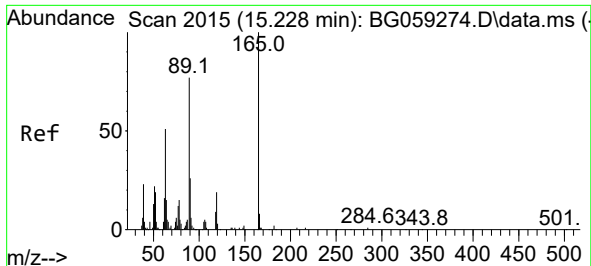
Tgt Ion:109 Resp: 35962
Ion Ratio Lower Upper
109 100
139 159.9 115.5 173.3
65 160.4 122.8 184.2



#56
Dibenzofuran
Concen: 34.342 ng/ul
RT: 15.264 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:168 Resp: 365116
Ion Ratio Lower Upper
168 100
139 35.1 26.6 39.8

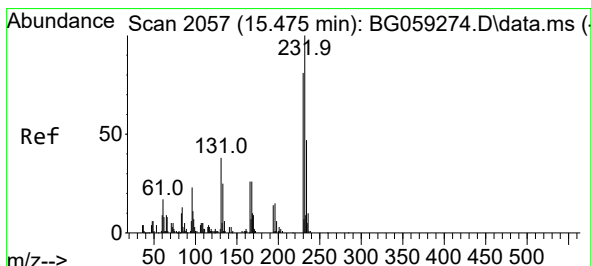
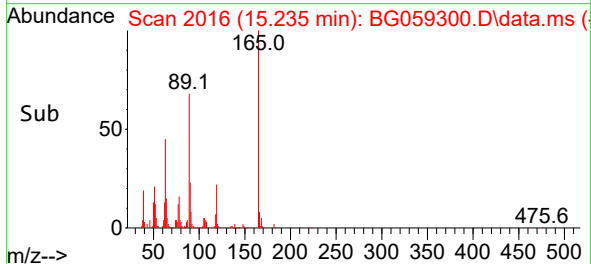
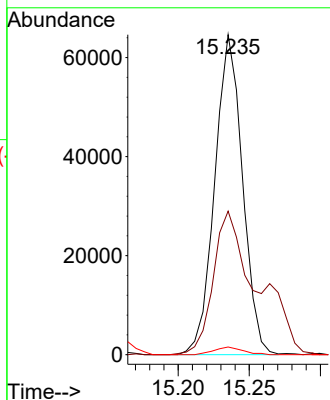
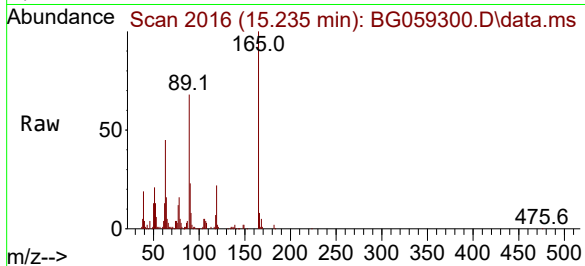




#57
2,4-Dinitrotoluene
Concen: 38.986 ng/ul
RT: 15.235 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

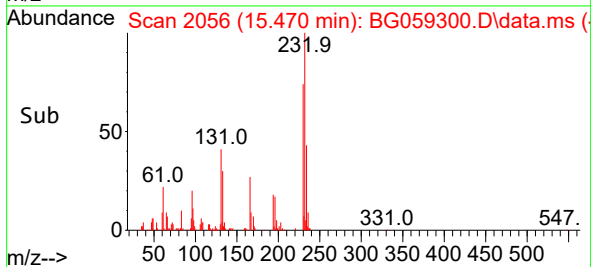
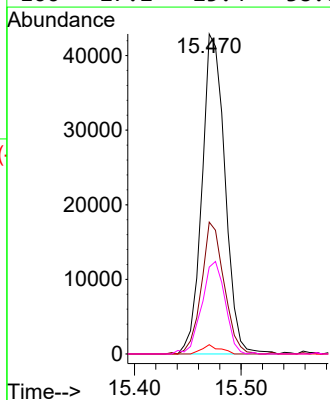
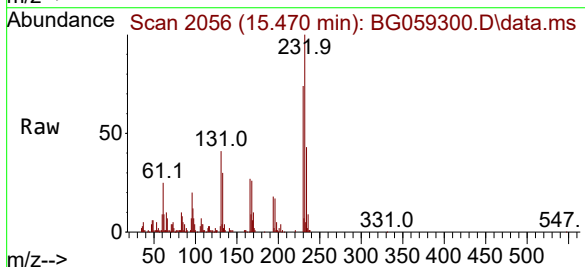
Instrument :
BNA_G
ClientSampleId :
SLCS814

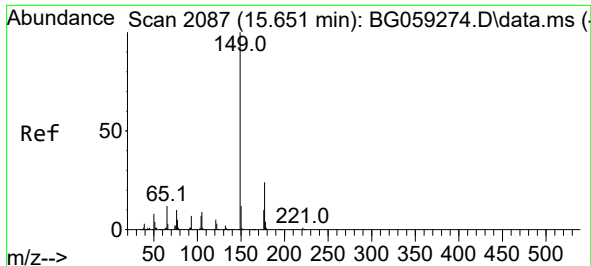
Tgt Ion:165 Resp: 87708
Ion Ratio Lower Upper
165 100
63 44.9 43.5 65.3
182 2.4 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.570 ng/ul
RT: 15.470 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:232 Resp: 64210
Ion Ratio Lower Upper
232 100
131 41.2 33.9 50.9
130 2.9 1.5 2.3#
166 27.2 25.4 38.0

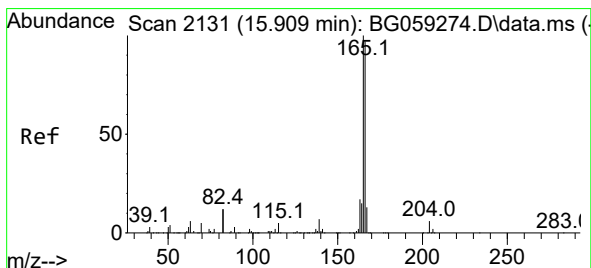
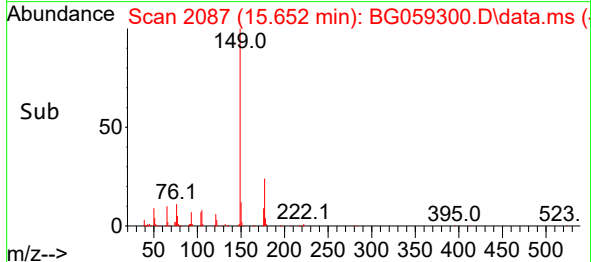
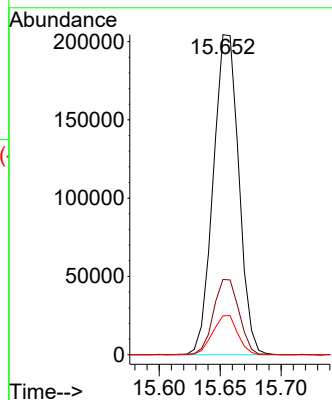
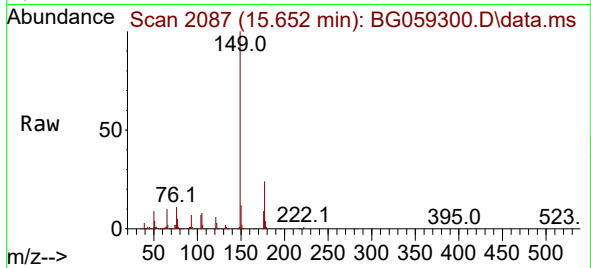




#59
Diethylphthalate
Concen: 34.497 ng/ul
RT: 15.652 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

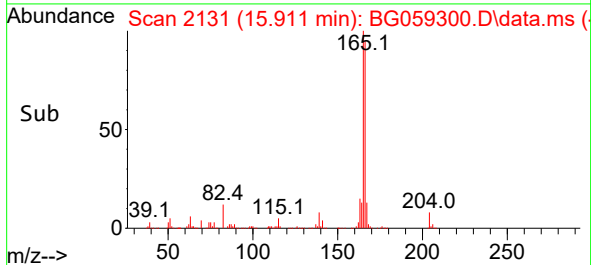
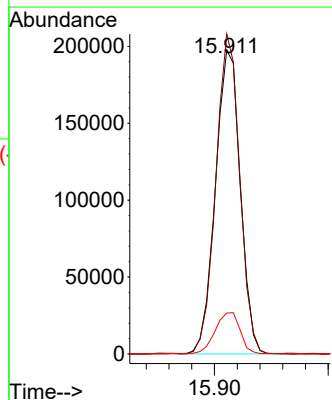
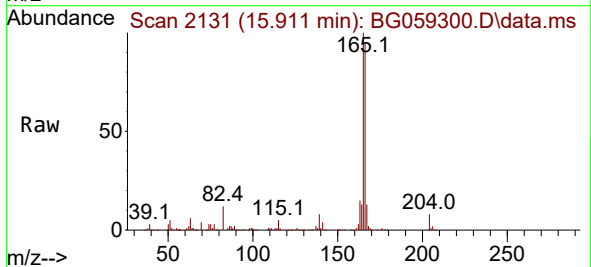
Instrument :
BNA_G
ClientSampleId :
SLCS814

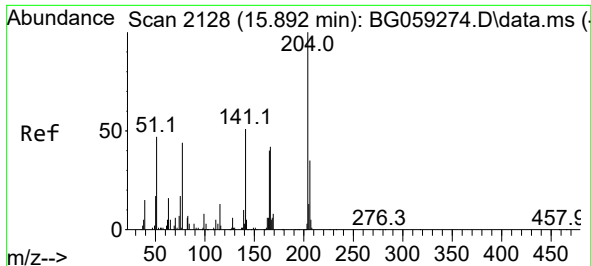
Tgt Ion:149 Resp: 297922
Ion Ratio Lower Upper
149 100
177 23.5 17.3 25.9
150 12.2 10.0 15.0



#61
Fluorene
Concen: 33.608 ng/ul
RT: 15.911 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:166 Resp: 300021
Ion Ratio Lower Upper
166 100
165 105.3 78.6 118.0
167 13.5 11.8 17.8

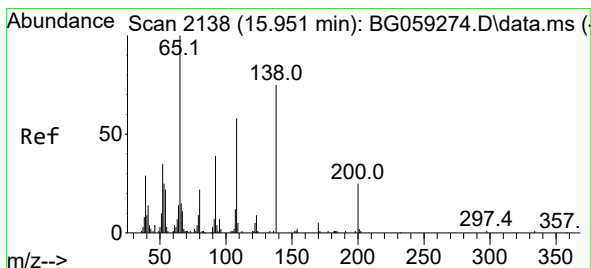
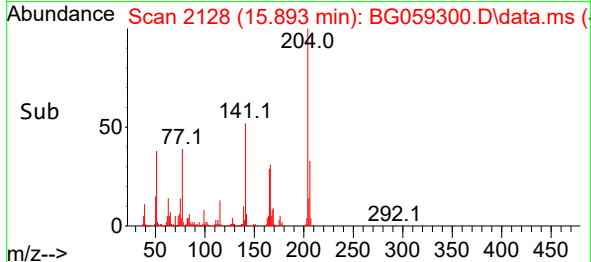
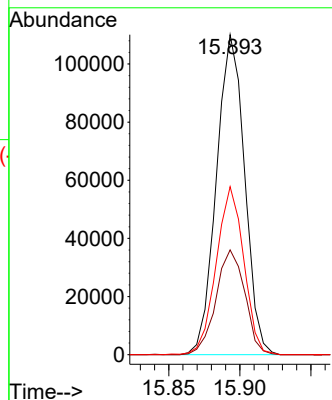
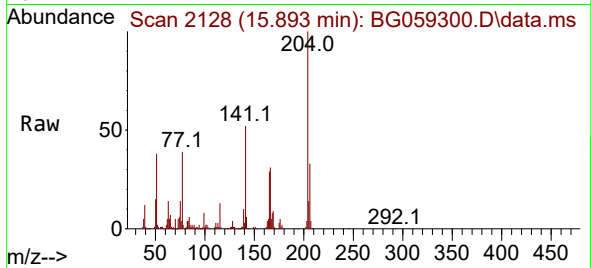




#62
4-Chlorophenyl-phenylether
Concen: 34.086 ng/ul
RT: 15.893 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

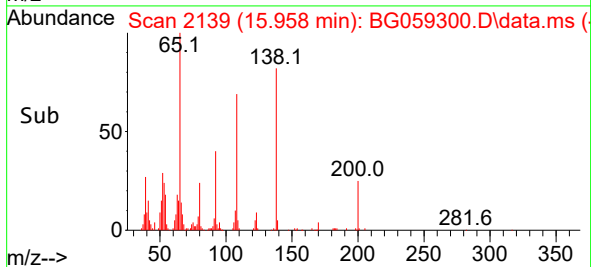
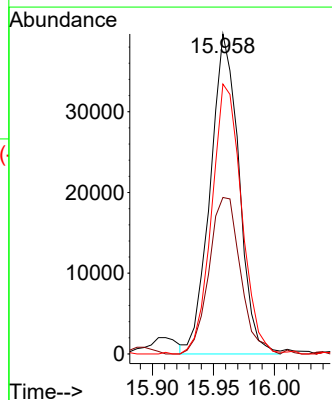
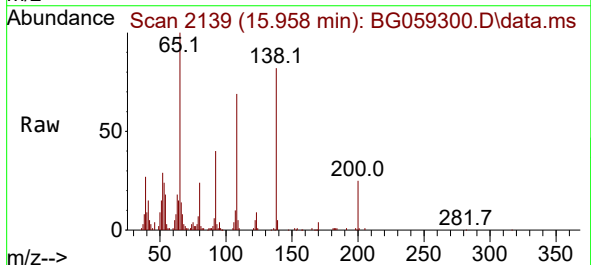
Instrument :
BNA_G
ClientSampleId :
SLCS814

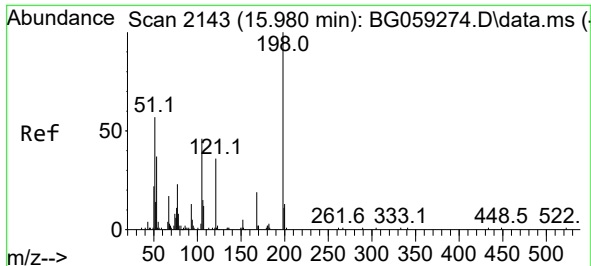
Tgt Ion:204 Resp: 151683
Ion Ratio Lower Upper
204 100
206 32.8 23.7 35.5
141 52.5 41.6 62.4



#63
4-Nitroaniline
Concen: 43.103 ng/ul
RT: 15.958 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:138 Resp: 65061
Ion Ratio Lower Upper
138 100
92 48.9 41.0 61.6
108 84.3 57.0 85.4

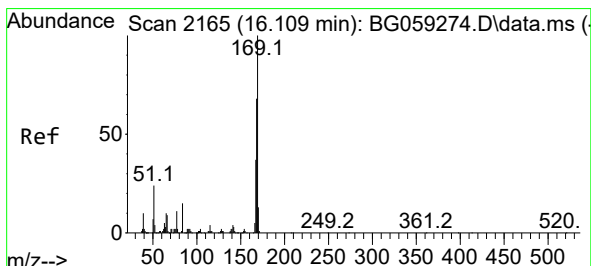
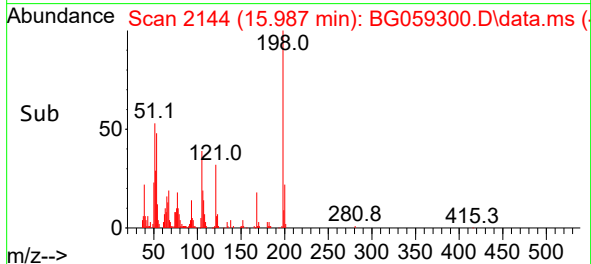
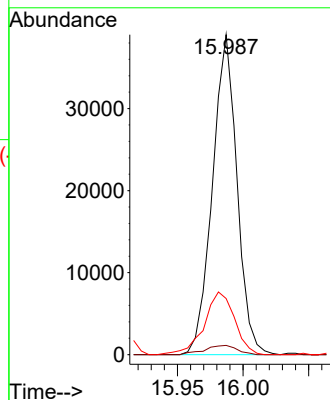
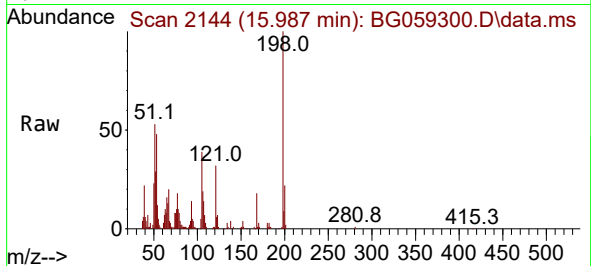




#66
4,6-Dinitro-2-methylphenol
Concen: 37.710 ng/ul
RT: 15.987 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

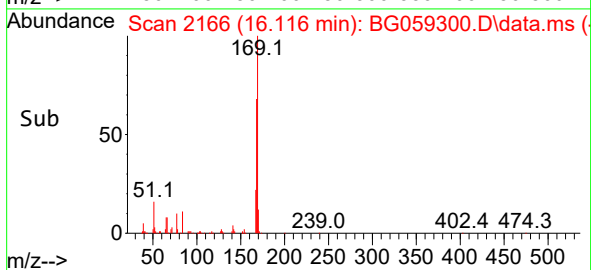
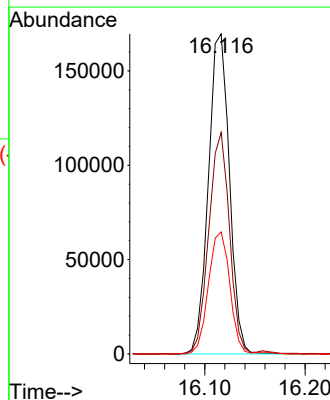
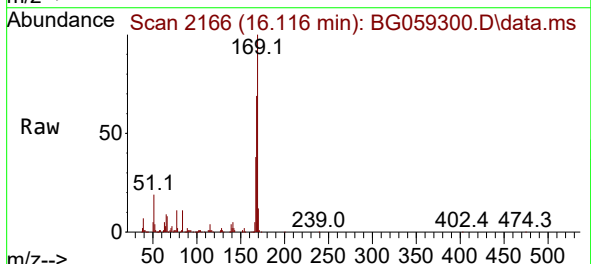
Instrument :
BNA_G
ClientSampleId :
SLCS814

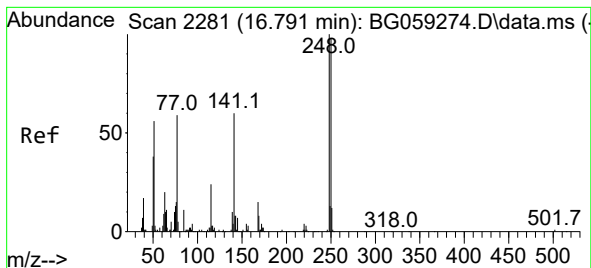
Tgt Ion:198 Resp: 50716
Ion Ratio Lower Upper
198 100
182 2.9 4.4 6.6#
77 17.5 23.2 34.8#



#67
N-Nitrosodiphenylamine
Concen: 37.415 ng/ul
RT: 16.116 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:169 Resp: 247487
Ion Ratio Lower Upper
169 100
168 69.2 57.0 85.6
167 38.2 29.8 44.6

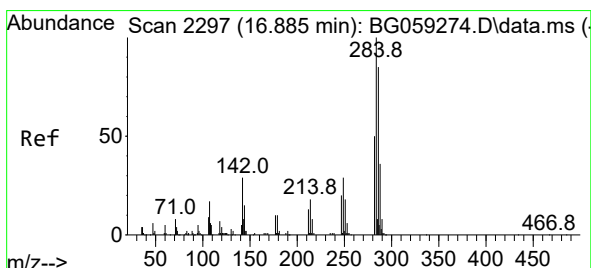
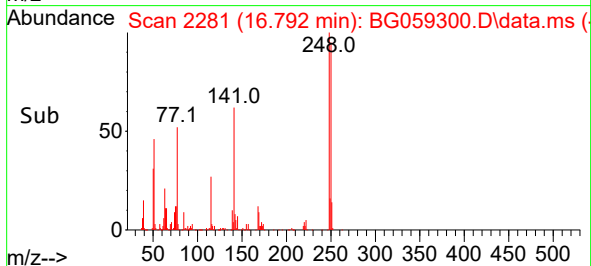
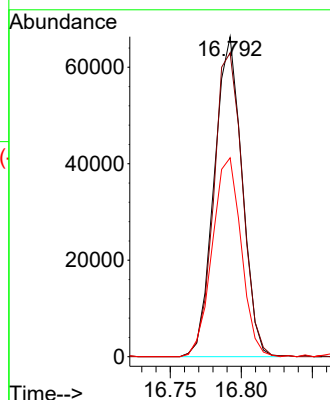
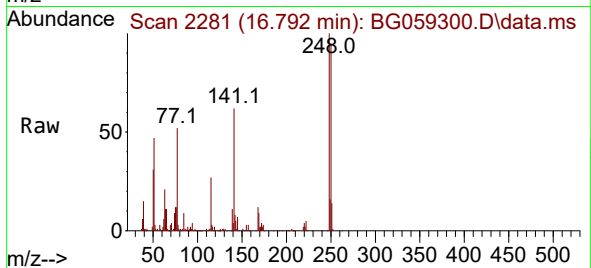




#68
4-Bromophenyl-phenylether
Concen: 37.683 ng/ul
RT: 16.792 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

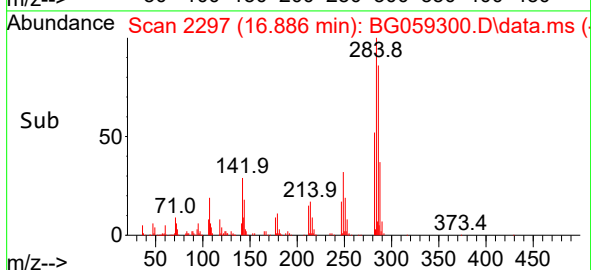
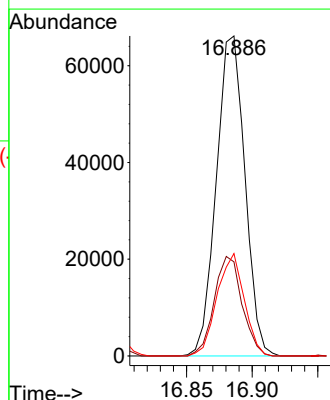
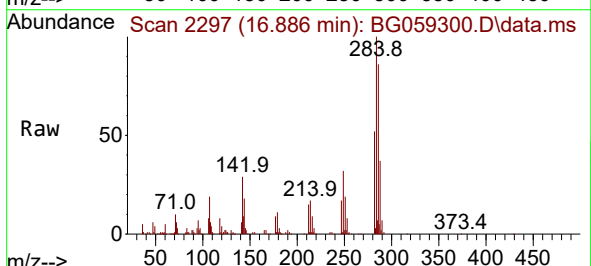
Instrument :
BNA_G
ClientSampleId :
SLCS814

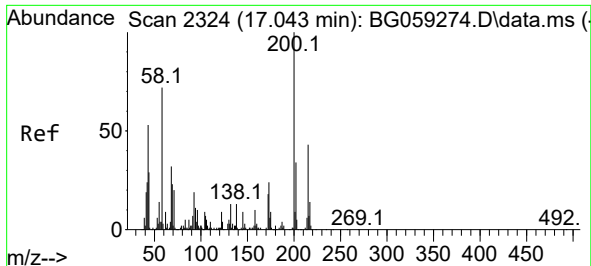
Tgt Ion:248 Resp: 90589
Ion Ratio Lower Upper
248 100
250 94.9 78.9 118.3
141 62.2 49.6 74.4



#69
Hexachlorobenzene
Concen: 36.949 ng/ul
RT: 16.886 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:284 Resp: 100348
Ion Ratio Lower Upper
284 100
142 29.4 26.8 40.2
249 32.0 24.2 36.4

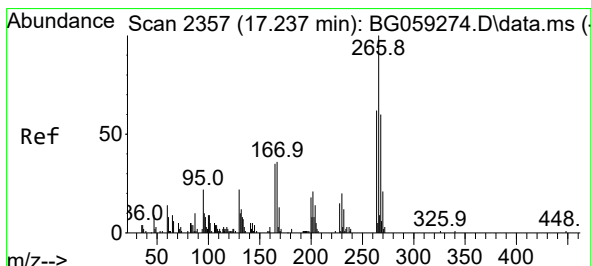
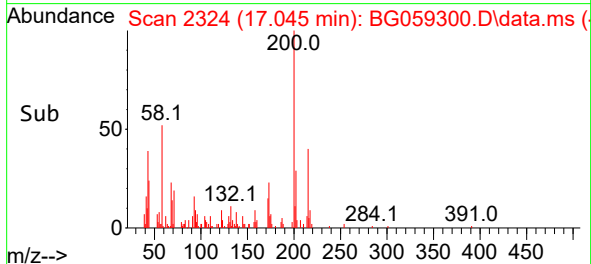
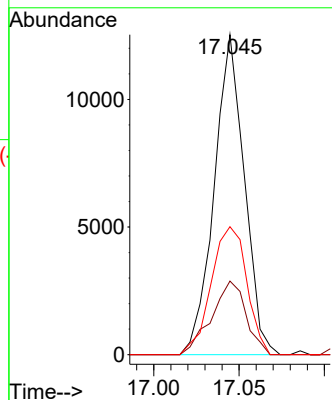
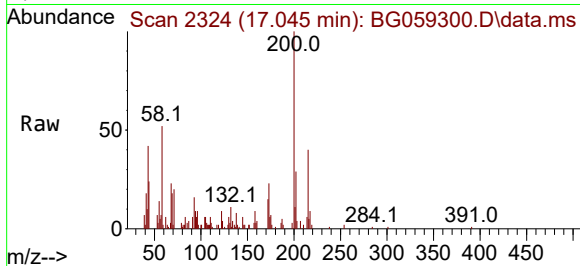




#70
 Atrazine
 Concen: 6.127 ng/ul
 RT: 17.045 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

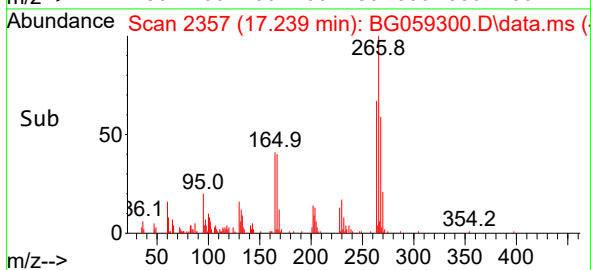
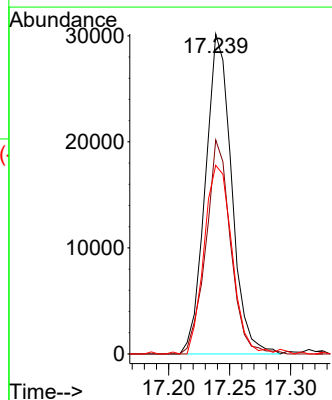
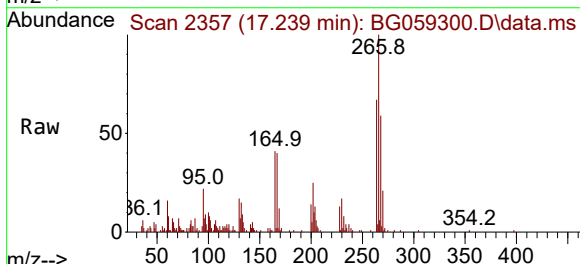
Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

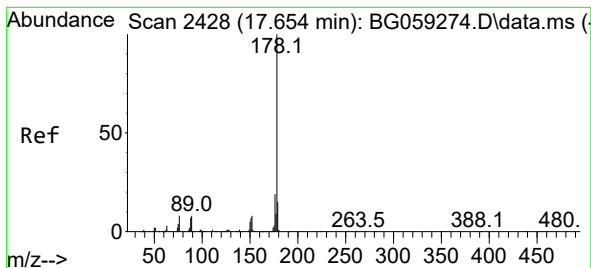
Tgt Ion:200 Resp: 15411
 Ion Ratio Lower Upper
 200 100
 173 23.0 17.4 26.0
 215 40.0 35.8 53.6



#71
 Pentachlorophenol
 Concen: 28.874 ng/ul
 RT: 17.239 min Scan# 2357
 Delta R.T. 0.000 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

Tgt Ion:266 Resp: 45132
 Ion Ratio Lower Upper
 266 100
 264 66.9 46.4 69.6
 268 58.9 46.0 69.0





#72

Phenanthrene

Concen: 36.160 ng/ul

RT: 17.662 min Scan# 2428

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

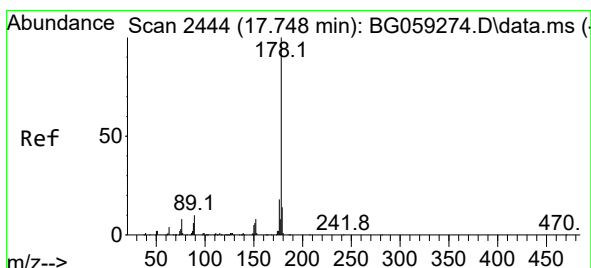
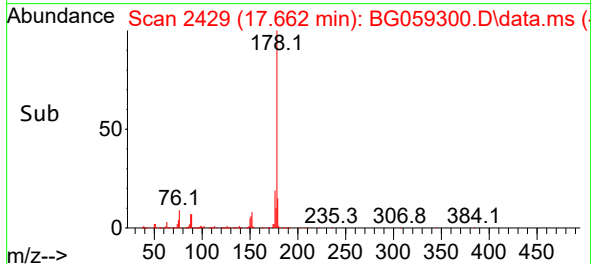
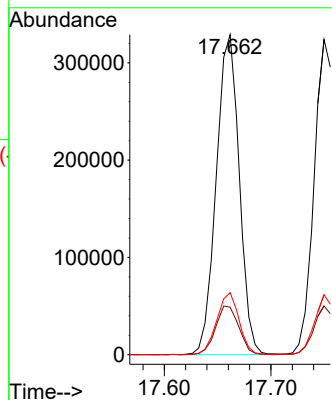
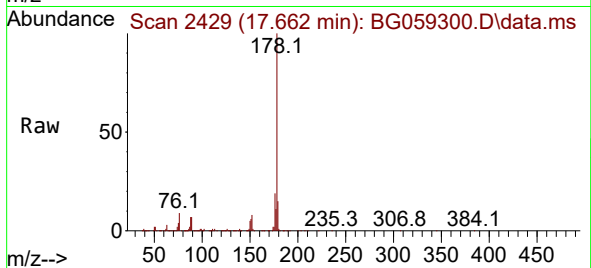
Tgt Ion:178 Resp: 492430

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

176 19.4 14.6 21.8



#74

Anthracene

Concen: 33.815 ng/ul

RT: 17.750 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

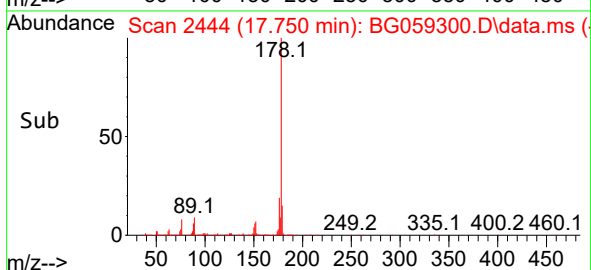
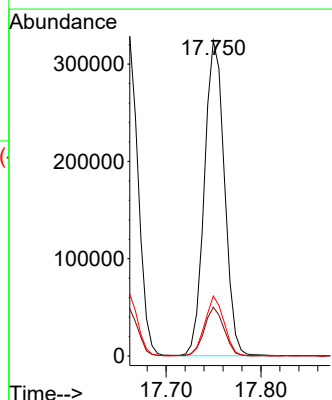
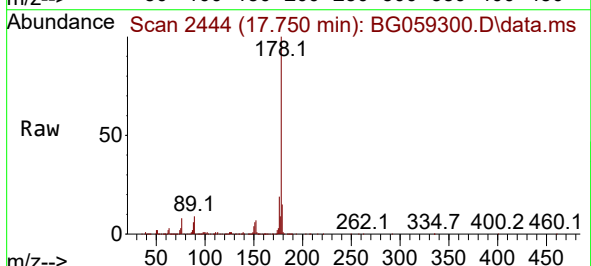
Tgt Ion:178 Resp: 475496

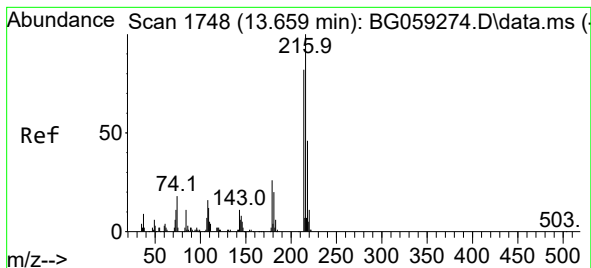
Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.1 14.5 21.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.991 ng/uL

RT: 13.666 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

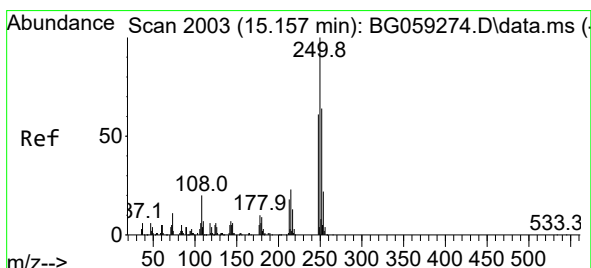
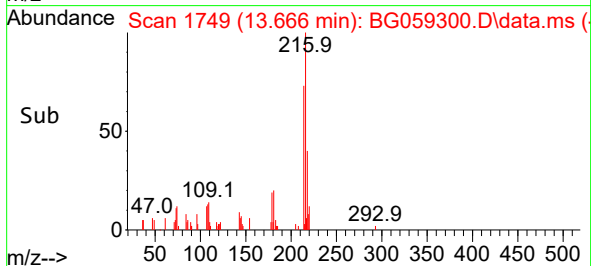
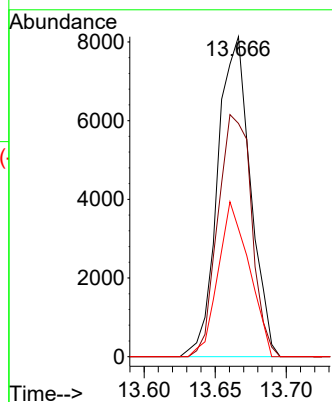
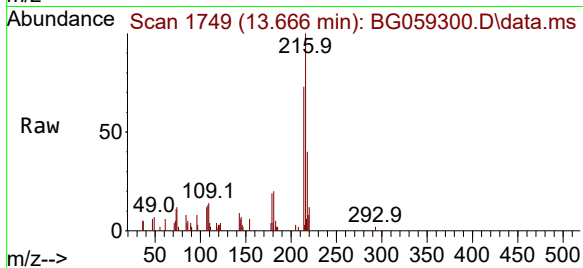
Tgt Ion:216 Resp: 13050

Ion Ratio Lower Upper

216 100

214 72.9 64.3 96.5

218 40.0 38.6 57.8



#76

Pentachlorobenzene

Concen: 37.719 ng/uL

RT: 15.159 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

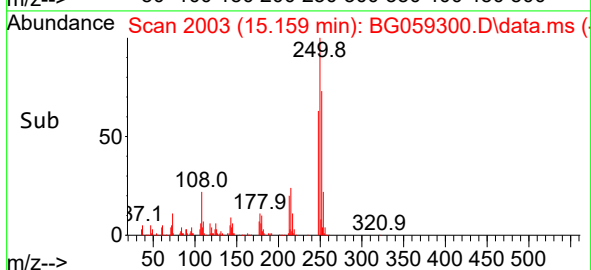
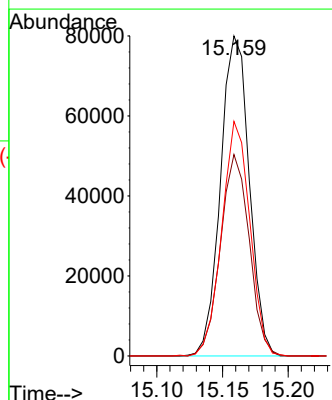
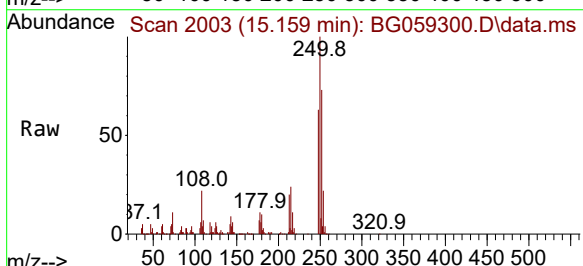
Tgt Ion:250 Resp: 121787

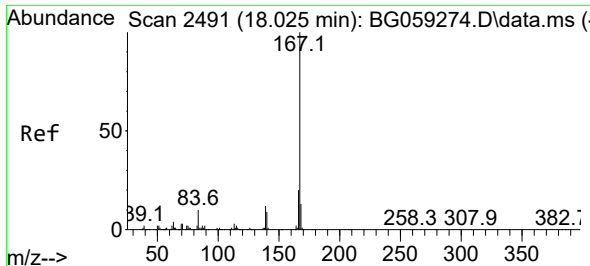
Ion Ratio Lower Upper

250 100

248 63.0 50.4 75.6

252 73.3 55.8 83.6

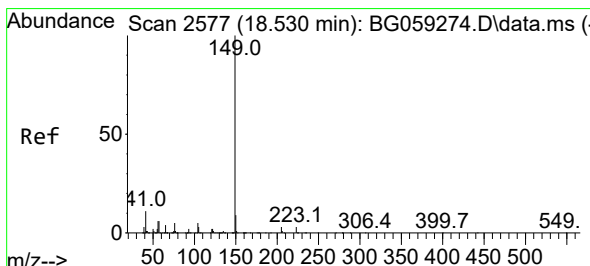
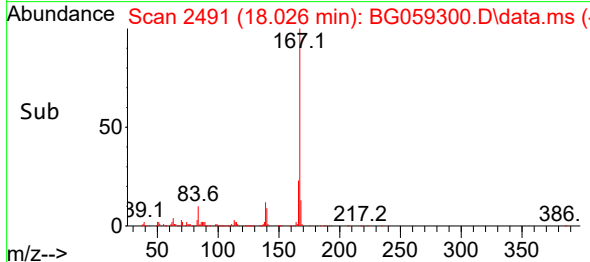
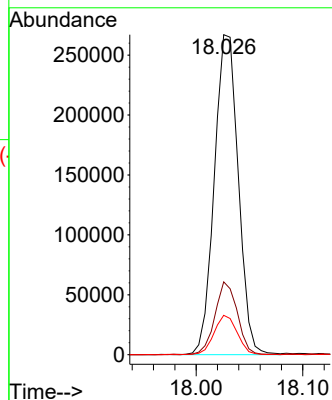
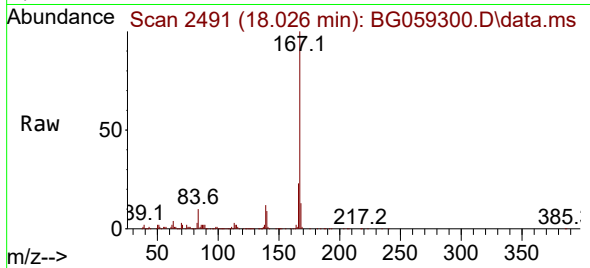




#77
 Carbazole
 Concen: 36.371 ng/ul
 RT: 18.026 min Scan# 2491
 Delta R.T. -0.006 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

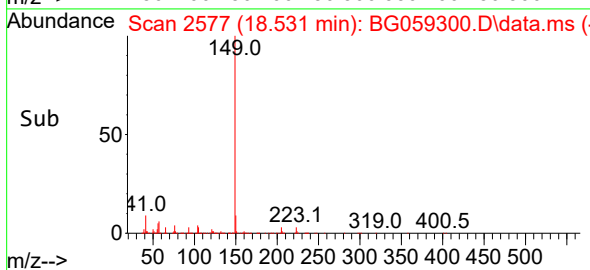
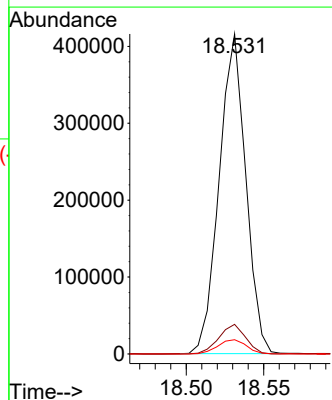
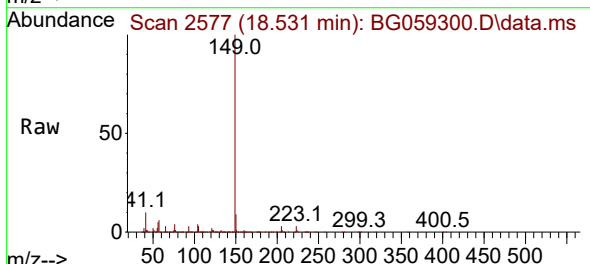
Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

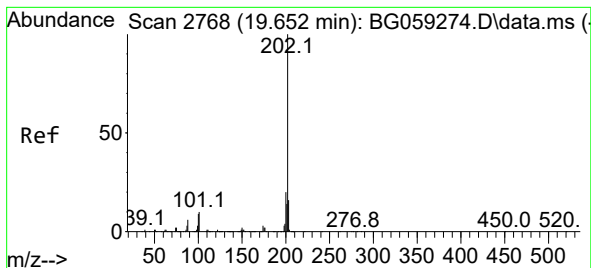
Tgt Ion:167 Resp: 416834
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.4 26.0
 139 12.3 9.0 13.4



#78
 Di-n-butylphthalate
 Concen: 36.496 ng/ul
 RT: 18.531 min Scan# 2577
 Delta R.T. -0.006 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

Tgt Ion:149 Resp: 495810
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.5 3.6 5.4





#80

Fluoranthene

Concen: 37.911 ng/ul

RT: 19.653 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

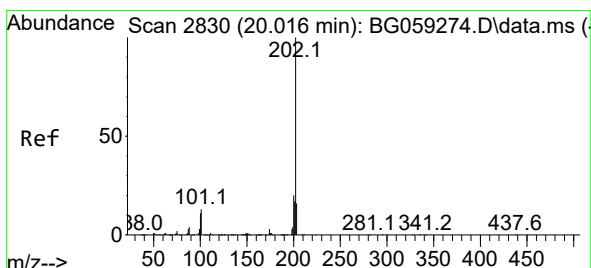
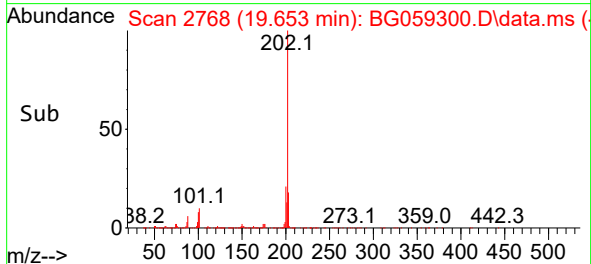
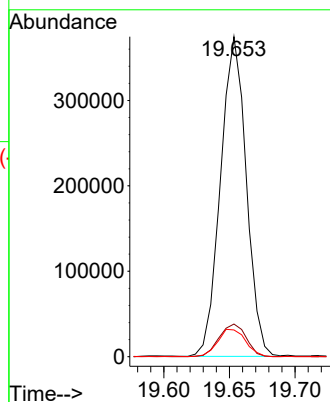
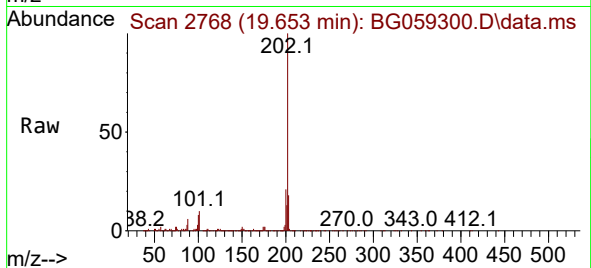
Tgt Ion:202 Resp: 511012

Ion Ratio Lower Upper

202 100

101 10.2 8.2 12.4

100 8.4 8.2 12.2



#82

Pyrene

Concen: 36.986 ng/ul

RT: 20.018 min Scan# 2830

Delta R.T. -0.006 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

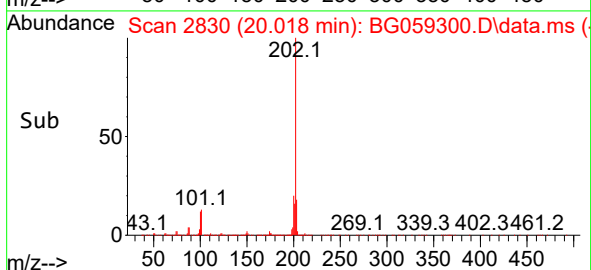
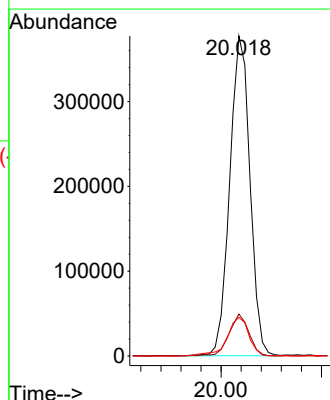
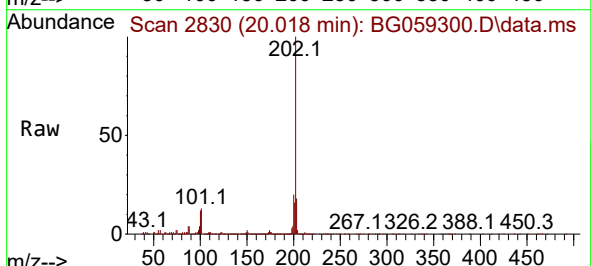
Tgt Ion:202 Resp: 528068

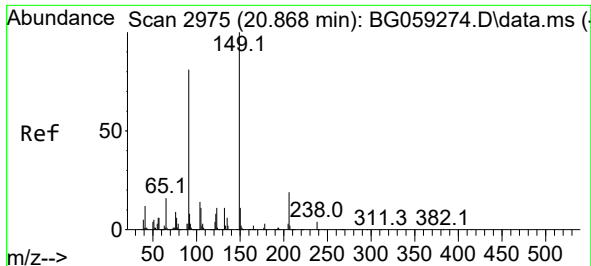
Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.4

100 12.1 9.6 14.4

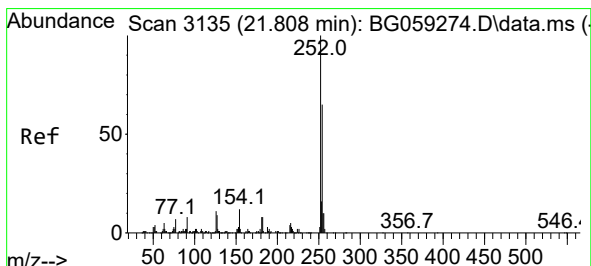
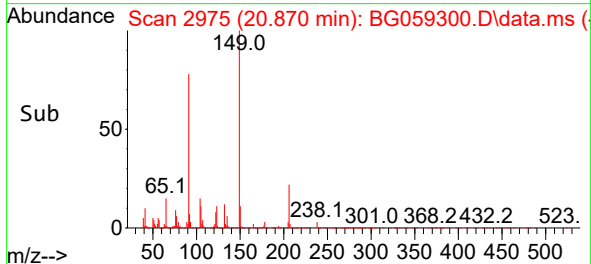
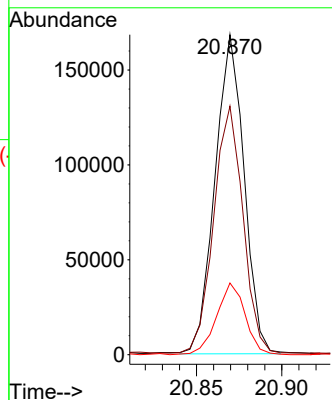
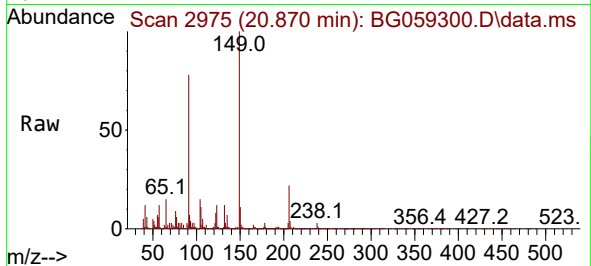




#83
Butylbenzylphthalate
Concen: 39.590 ng/ul
RT: 20.870 min Scan# 2975
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

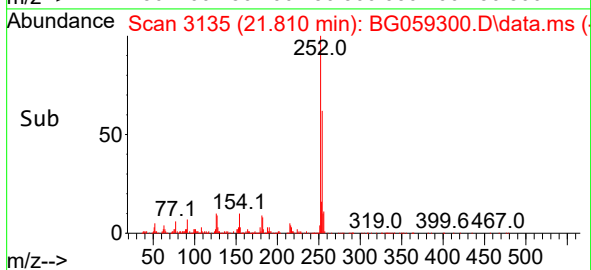
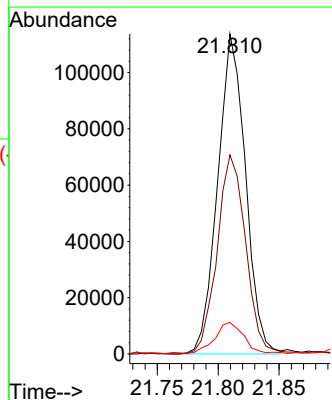
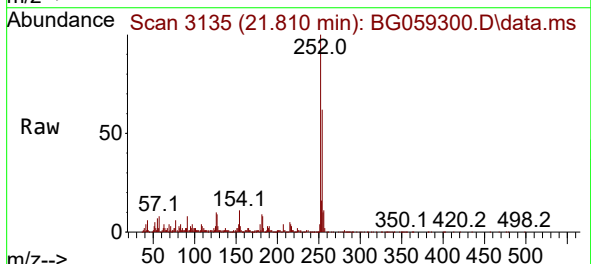
Instrument :
BNA_G
ClientSampleId :
SLCS814

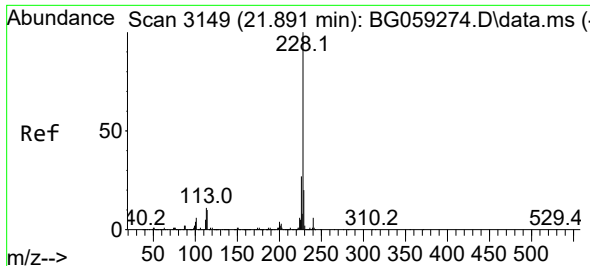
Tgt Ion:149 Resp: 199332
Ion Ratio Lower Upper
149 100
91 77.7 64.5 96.7
206 22.4 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 39.903 ng/ul
RT: 21.810 min Scan# 3135
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:252 Resp: 180558
Ion Ratio Lower Upper
252 100
254 62.2 50.2 75.2
126 9.9 7.9 11.9

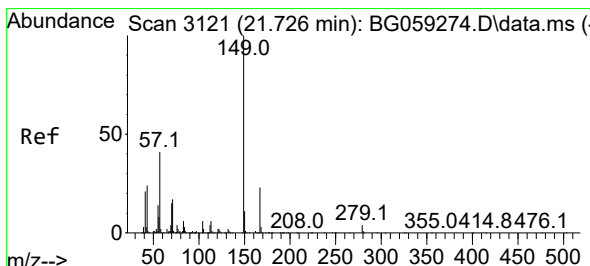
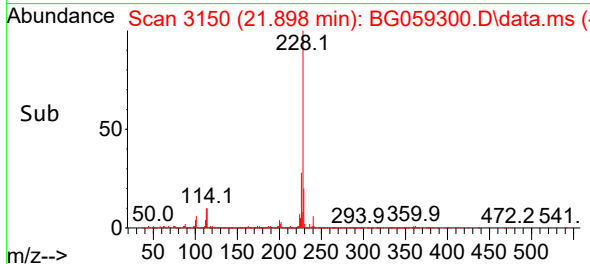
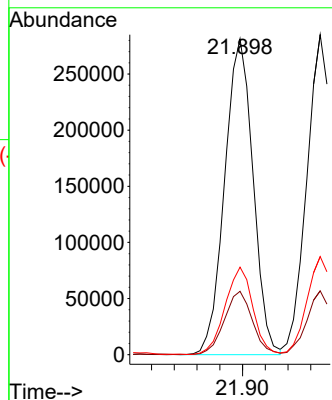
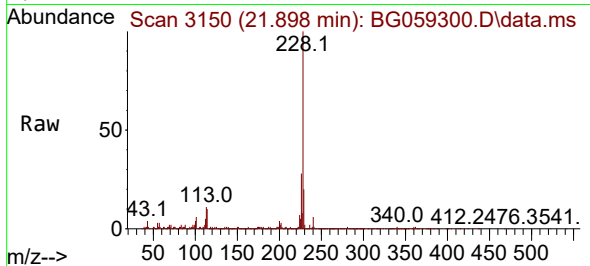




#85
Benzo(a)anthracene
Concen: 35.499 ng/ul
RT: 21.898 min Scan# 3149
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

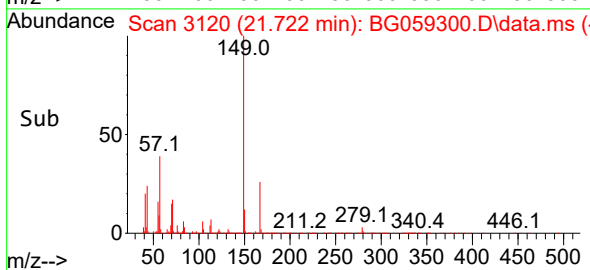
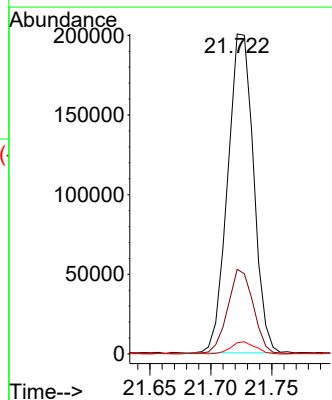
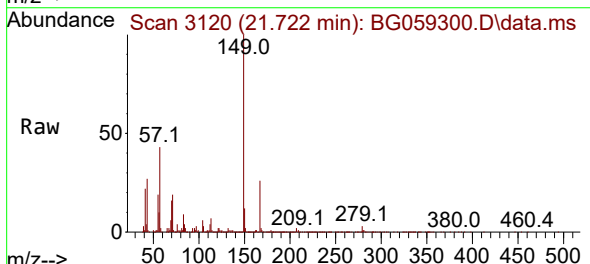
Instrument :
BNA_G
ClientSampleId :
SLCS814

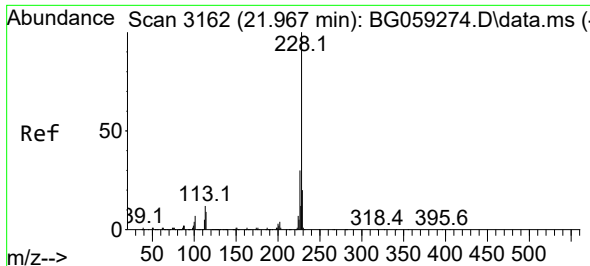
Tgt Ion:228 Resp: 488257
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 27.7 21.4 32.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.731 ng/ul
RT: 21.722 min Scan# 3120
Delta R.T. -0.017 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:149 Resp: 296112
Ion Ratio Lower Upper
149 100
167 26.5 19.1 28.7
279 3.5 2.9 4.3

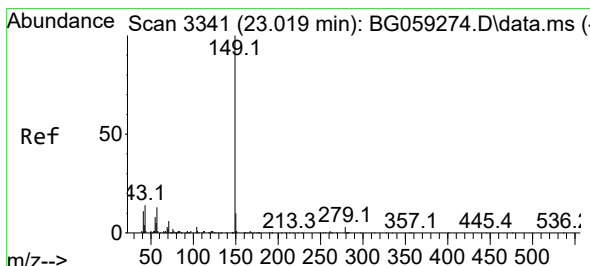
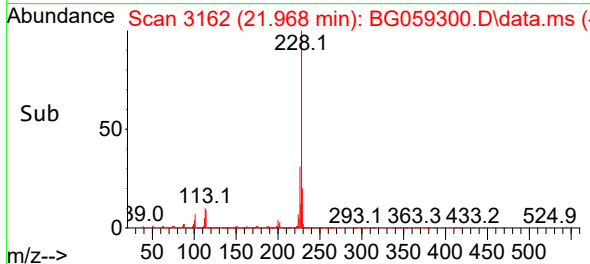
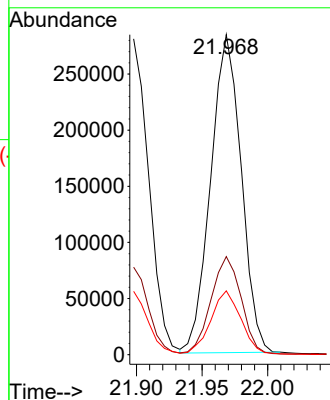
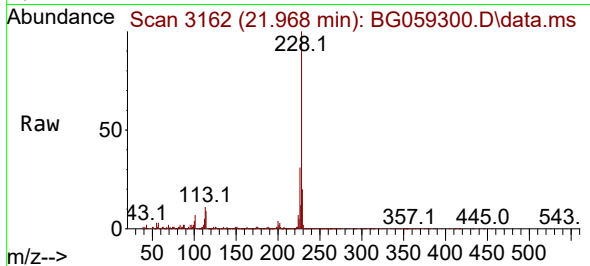




#87
Chrysene
Concen: 35.300 ng/ul
RT: 21.968 min Scan# 3162
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

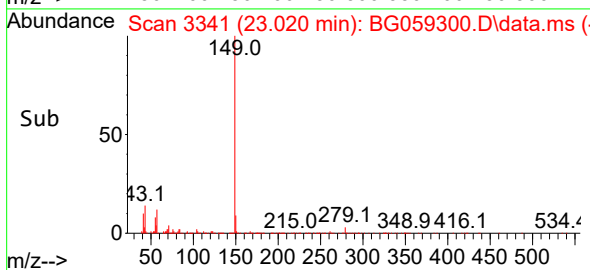
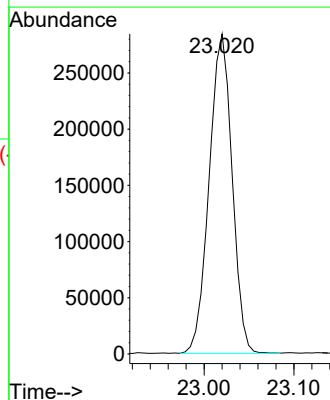
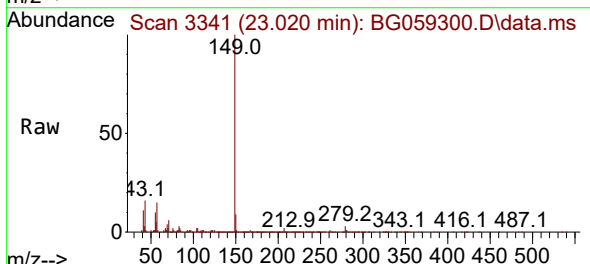
Instrument :
BNA_G
ClientSampleId :
SLCS814

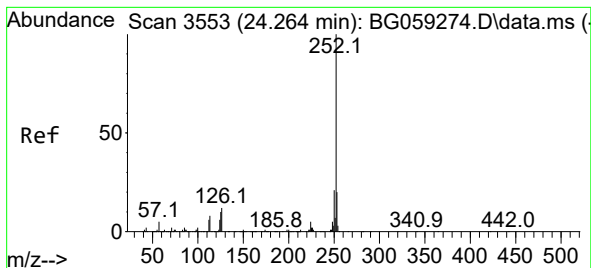
Tgt Ion:228 Resp: 458556
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.4
229 19.9 16.2 24.2



#89
Di-n-octyl phthalate
Concen: 37.961 ng/ul
RT: 23.020 min Scan# 3341
Delta R.T. -0.011 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:149 Resp: 503522





#90

Benzo(b)fluoranthene

Concen: 35.745 ng/ul

RT: 24.272 min Scan# 3553

Delta R.T. -0.011 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SLCS814

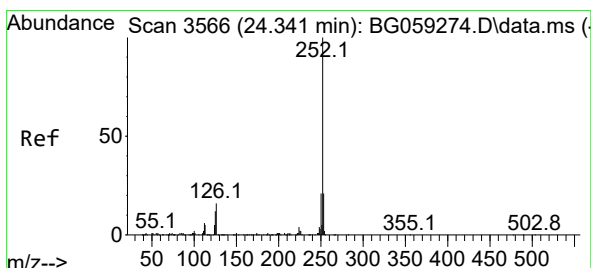
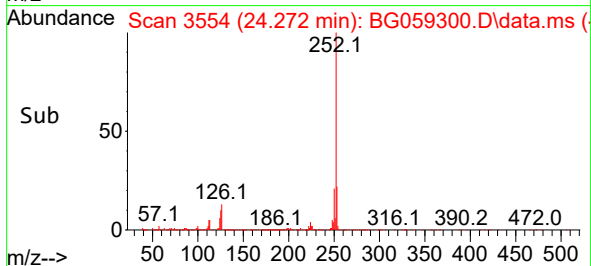
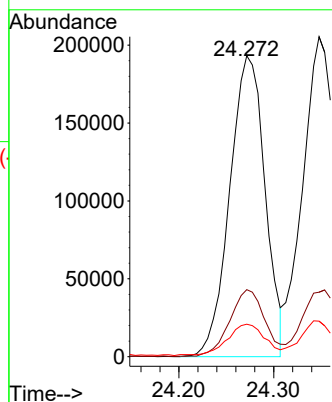
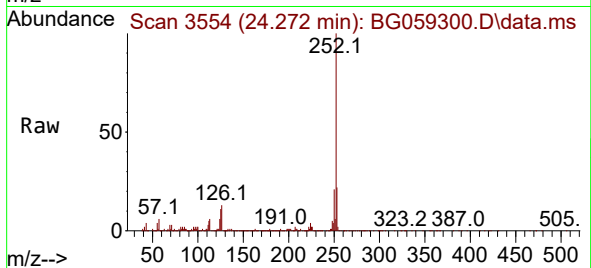
Tgt Ion:252 Resp: 499307

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 10.8 8.1 12.1



#91

Benzo(k)fluoranthene

Concen: 35.752 ng/ul

RT: 24.348 min Scan# 3567

Delta R.T. -0.011 min

Lab File: BG059300.D

Acq: 5 Oct 2023 17:24

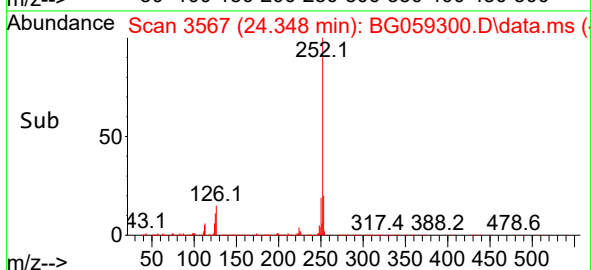
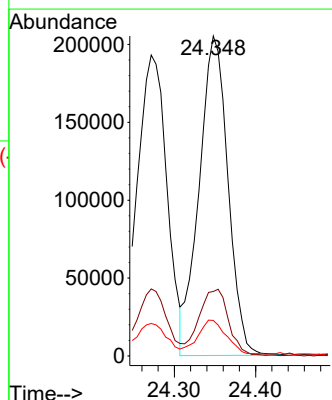
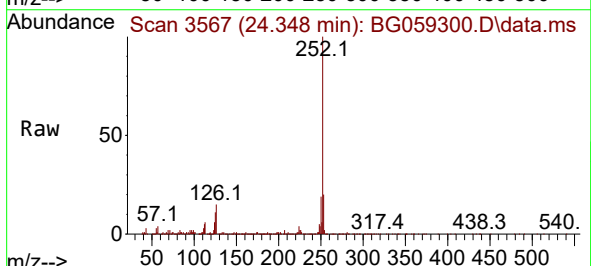
Tgt Ion:252 Resp: 506023

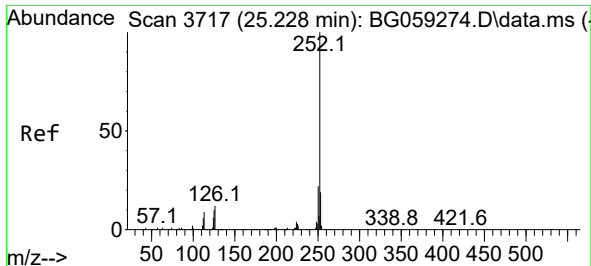
Ion Ratio Lower Upper

252 100

253 20.2 17.6 26.4

125 11.1 8.1 12.1

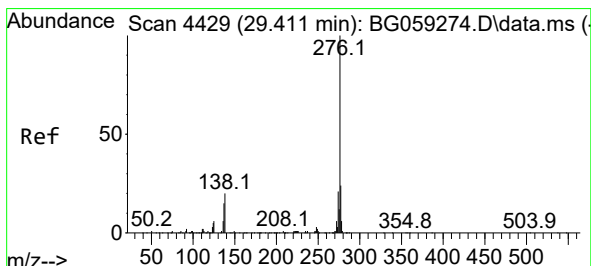
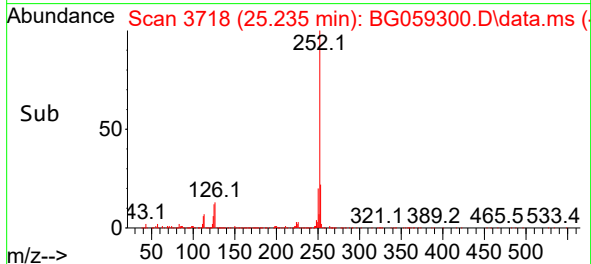
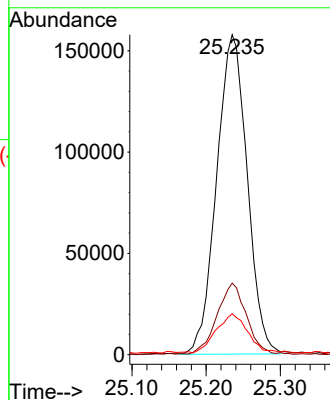
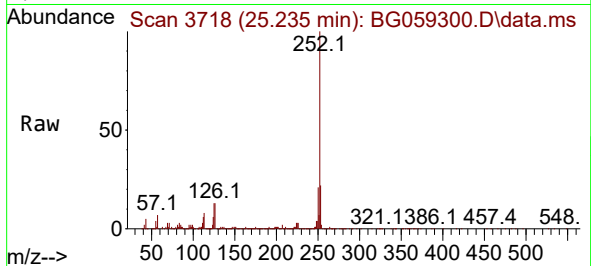




#93
Benzo(a)pyrene
Concen: 34.076 ng/ul
RT: 25.235 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

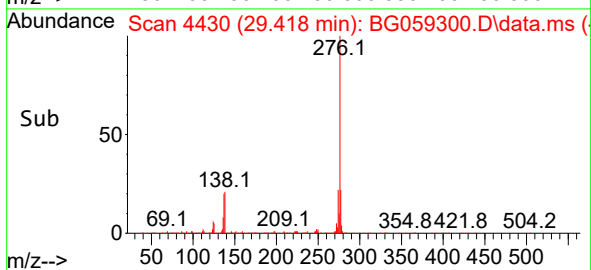
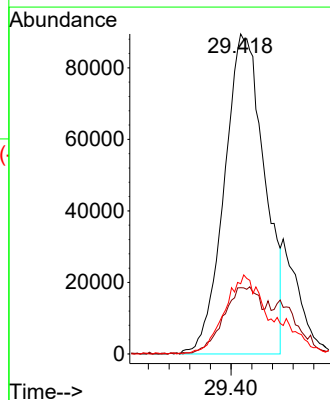
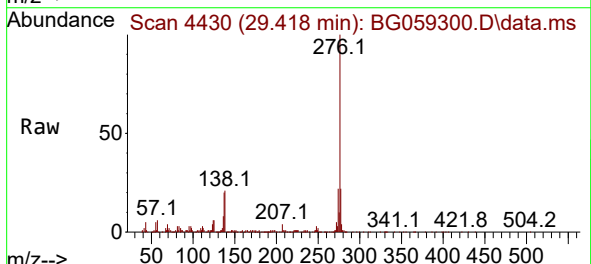
Instrument :
BNA_G
ClientSampleId :
SLCS814

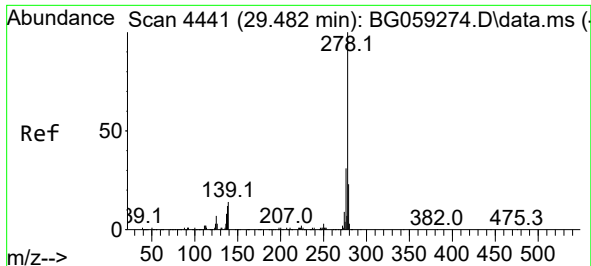
Tgt Ion:252 Resp: 451551
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 12.8 9.4 14.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 32.192 ng/ul
RT: 29.418 min Scan# 4430
Delta R.T. -0.017 min
Lab File: BG059300.D
Acq: 5 Oct 2023 17:24

Tgt Ion:276 Resp: 482889
Ion Ratio Lower Upper
276 100
138 20.7 17.0 25.6
277 21.9 18.6 28.0

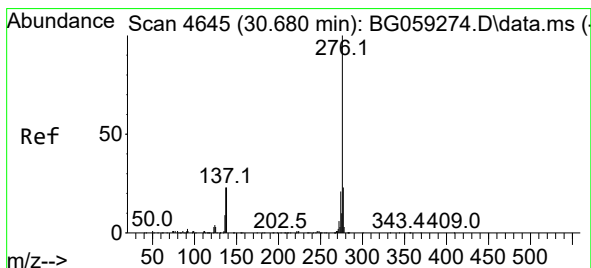
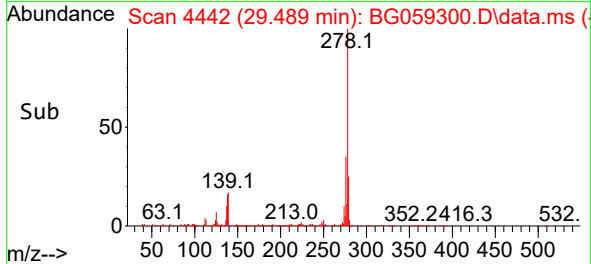
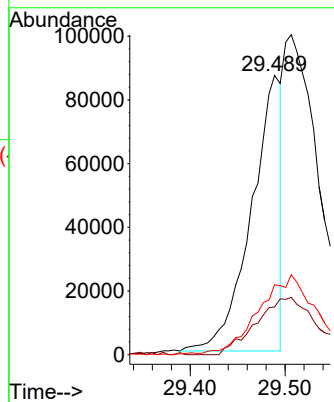
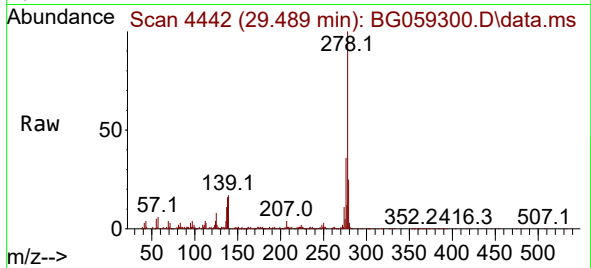




#95
 Dibenzo(a,h)anthracene
 Concen: 15.629 ng/ul
 RT: 29.489 min Scan# 4442
 Delta R.T. -0.023 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

Instrument :
 BNA_G
 ClientSampleId :
 SLCS814

Tgt Ion:278 Resp: 190649
 Ion Ratio Lower Upper
 278 100
 139 17.1 12.1 18.1
 279 25.0 18.6 27.8



#96
 Benzo(g,h,i)perylene
 Concen: 37.592 ng/ul
 RT: 30.717 min Scan# 4651
 Delta R.T. 0.006 min
 Lab File: BG059300.D
 Acq: 5 Oct 2023 17:24

Tgt Ion:276 Resp: 458495
 Ion Ratio Lower Upper
 276 100
 138 21.1 16.6 25.0
 277 21.6 20.0 30.0

