

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058299.D
 Acq On : 18 Jul 2023 13:35
 Operator : CG/JU
 Sample : 03444-08MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:15:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	36635	20.000	ng/u1	0.00
20) Naphthalene-d8	10.703	136	169353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	124208	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.277	188	289928	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	234964	20.000	ng/u1	0.00
88) Perylene-d12	24.663	264	299056	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	6084	6.112	ng/uL	0.00
4) Pyridine-d5	3.746	84	100660	34.072	ng/u1	0.00
7) Phenol-d5	7.060	99	149463	43.007	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	89679	41.286	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	103135	42.395	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	106040	40.002	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	54845	43.206	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	61419	44.320	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	117612	44.272	ng/u1	0.00
31) 4-Chloroaniline-d4	10.838	131	138205	35.886	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	377975	39.463	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	430390	42.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	62260	43.042	ng/u1	0.00
60) Fluorene-d10	15.526	176	340896	42.989	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.650	200	64789	43.861	ng/u1	0.00
73) Anthracene-d10	17.377	188	509427	40.665	ng/u1	0.00
81) Pyrene-d10	19.669	212	605795	43.652	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.451	264	616776	42.671	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	18594	16.469	ng/uL#	90
5) Pyridine	3.770	79	126913	40.677	ng/u1	96
6) Benzaldehyde	7.036	77	82179	58.552	ng/u1	99
8) Phenol	7.089	94	166499	46.133	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.318	93	122548	44.324	ng/u1	98
12) 2-Chlorophenol	7.465	128	113702	44.651	ng/u1	98
13) 2-Methylphenol	8.341	108	112096	39.851	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.423	45	200514	44.254	ng/u1	97
16) Acetophenone	8.717	105	199178	44.120	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.705	70	104222	42.182	ng/u1	96
18) 4-Methylphenol	8.670	108	128628	42.077	ng/u1	100
19) Hexachloroethane	8.975	117	44073	43.909	ng/u1	90
22) Nitrobenzene	9.105	77	152307	44.992	ng/u1	97
23) Isophorone	9.622	82	320682	42.253	ng/u1	99
25) 2-Nitrophenol	9.815	139	69066	46.658	ng/u1	95
26) 2,4-Dimethylphenol	9.868	107	54811	16.606	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.103	93	178193	44.333	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	116703	46.284	ng/u1	96
30) Naphthalene	10.750	128	406506	44.907	ng/u1	98
32) 4-Chloroaniline	10.861	127	119507	30.361	ng/u1	98
33) Hexachlorobutadiene	11.032	225	84132	46.662	ng/u1	98
34) Caprolactam	11.619	113	26315	25.127	ng/u1	87
35) 4-Chloro-3-methylphenol	11.989	107	143545	44.734	ng/u1	99
36) 2-Methylnaphthalene	12.360	142	276623	45.612	ng/u1	98

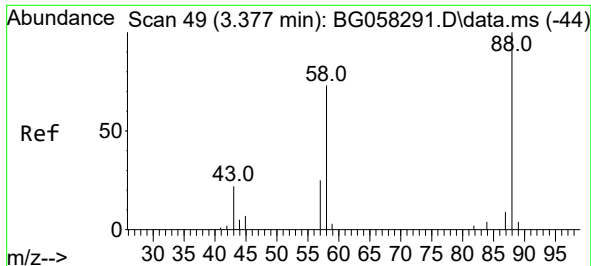
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	279139	44.909	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.730	216	163209	45.392	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	69563	35.971	ng/ul	98
41) 2,4,6-Trichlorophenol	12.971	196	105689	43.422	ng/ul	98
42) 2,4,5-Trichlorophenol	13.041	196	117748	45.366	ng/ul	98
43) 1,1'-Biphenyl	13.370	154	371039	44.177	ng/ul	99
44) 2-Chloronaphthalene	13.411	162	298844	44.752	ng/ul	97
45) 2-Nitroaniline	13.617	65	107973	46.548	ng/ul	98
47) Dimethylphthalate	13.987	163	399064	41.480	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	84698	45.559	ng/ul	96
50) Acenaphthylene	14.257	152	478491	44.163	ng/ul	100
51) 3-Nitroaniline	14.445	138	78742	50.824	ng/ul	95
52) Acenaphthene	14.598	153	335096	44.546	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	46556	47.054	ng/ul#	72
55) 4-Nitrophenol	14.757	109	50768	45.573	ng/ul	96
56) Dibenzofuran	14.933	168	464665	43.381	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	121967	45.487	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.162	232	100673	41.982	ng/ul#	98
59) Diethylphthalate	15.350	149	410874	41.456	ng/ul	99
61) Fluorene	15.585	166	379413	43.194	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	202092	43.338	ng/ul	99
63) 4-Nitroaniline	15.609	138	79877	56.978	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	71509	47.054	ng/ul	100
67) N-Nitrosodiphenylamine	15.791	169	310795	43.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.467	248	139358	45.380	ng/ul	96
69) Hexachlorobenzene	16.590	284	153207	44.213	ng/ul	99
70) Atrazine	16.737	200	71125	25.242	ng/ul	99
71) Pentachlorophenol	16.931	266	78462	40.339	ng/ul	98
72) Phenanthrene	17.324	178	626322	45.458	ng/ul	99
74) Anthracene	17.418	178	574803	41.556	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	173580	47.731	ng/ul	97
76) Pentachlorobenzene	14.857	250	412137	103.634	ng/ul	97
77) Carbazole	17.683	167	545729	45.515	ng/ul	99
78) Di-n-butylphthalate	18.235	149	694793	45.603	ng/ul	99
80) Fluoranthene	19.334	202	738618	46.459	ng/ul	98
82) Pyrene	19.698	202	741686	46.042	ng/ul	99
83) Butylbenzylphthalate	20.579	149	298989	47.135	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.431	252	215985	41.179	ng/ul	98
85) Benzo(a)anthracene	21.514	228	714554	45.245	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.414	149	453549	50.270	ng/ul	100
87) Chrysene	21.578	228	689165	46.005	ng/ul	98
89) Di-n-octyl phthalate	22.589	149	751735	47.243	ng/ul	100
90) Benzo(b)fluoranthene	23.670	252	755590	43.668	ng/ul	98
91) Benzo(k)fluoranthene	23.734	252	764347	44.291	ng/ul	99
93) Benzo(a)pyrene	24.522	252	671257	43.617	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.241	276	908164	44.788	ng/ul	99
95) Dibenzo(a,h)anthracene	28.294	278	743059	44.689	ng/ul	99
96) Benzo(g,h,i)perylene	29.363	276	754726	45.684	ng/ul	99

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



#2
1,4-Dioxane

Concen: 16.469 ng/uL

RT: 3.376 min Scan# 49

Delta R.T. 0.001 min

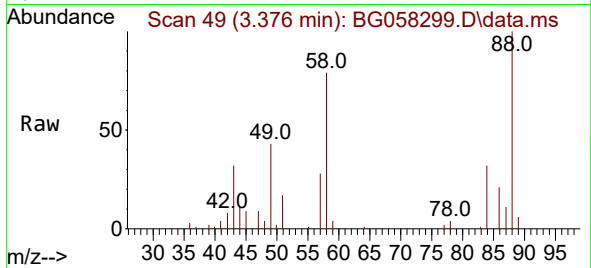
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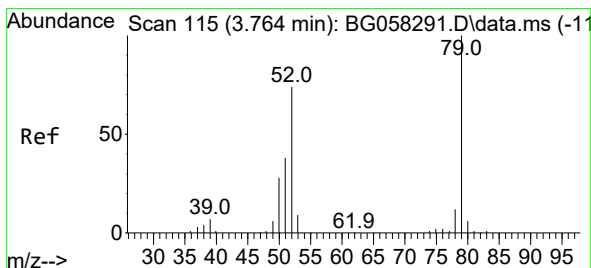
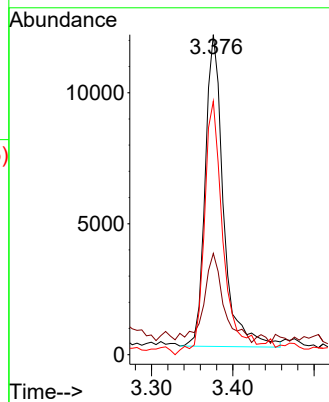
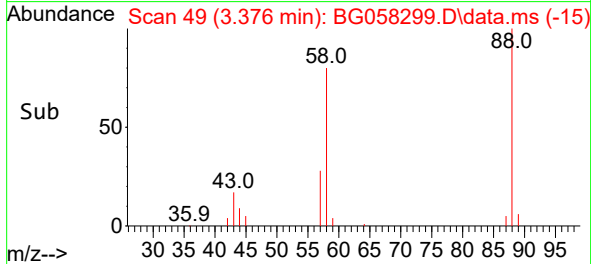
Instrument :

BNA_M

ClientSampleId :



Tgt Ion:	88	Resp:	18594
Ion	Ratio	Lower	Upper
88	100		
43	31.6	19.6	29.4#
58	79.2	70.2	105.4



#5

Pyridine

Concen: 40.677 ng/uL

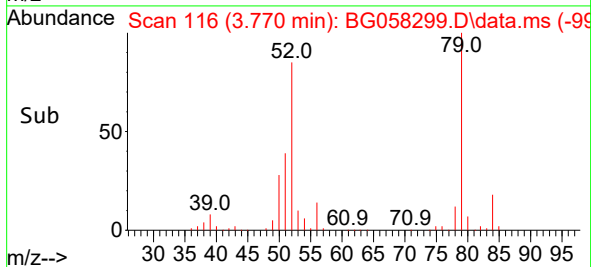
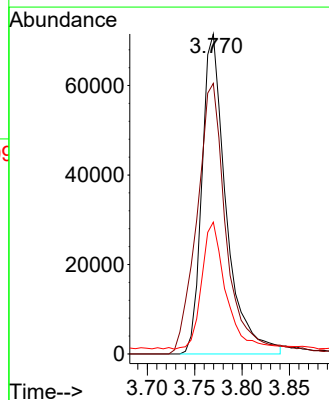
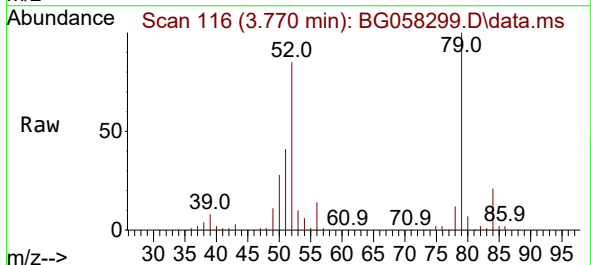
RT: 3.770 min Scan# 116

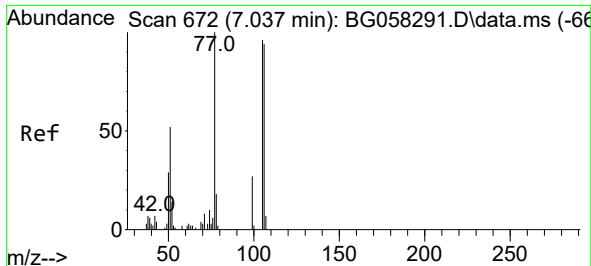
Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Tgt Ion:	79	Resp:	126913
Ion	Ratio	Lower	Upper
79	100		
52	84.6	72.3	108.5
51	41.2	33.4	50.0

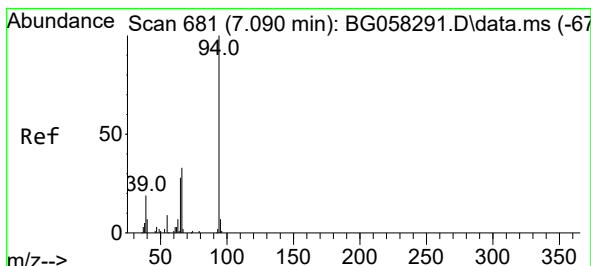
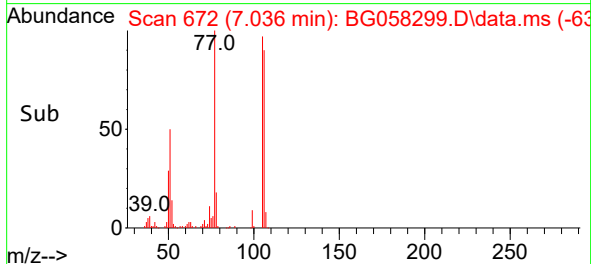
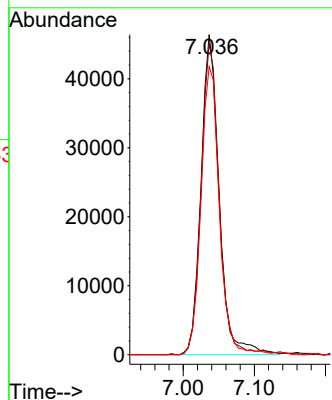
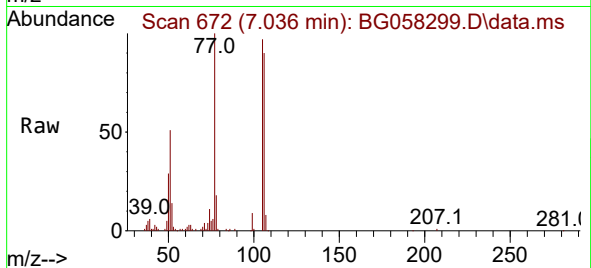




#6
Benzaldehyde
Concen: 58.552 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

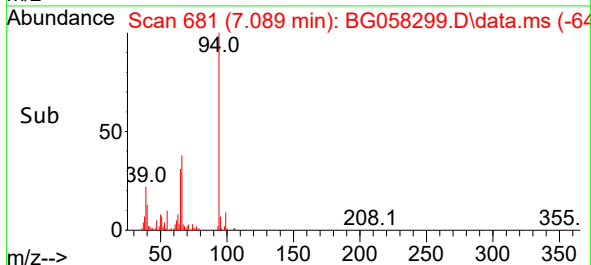
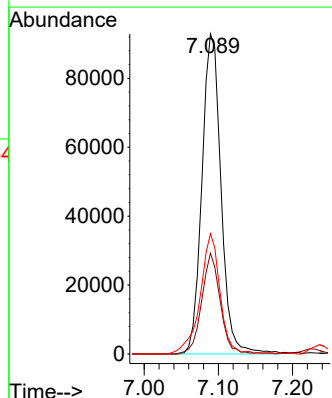
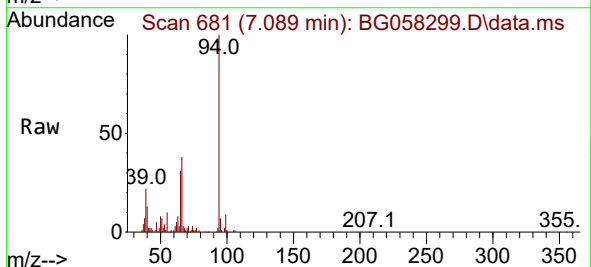
Instrument :
BNA_M
ClientSampleId :

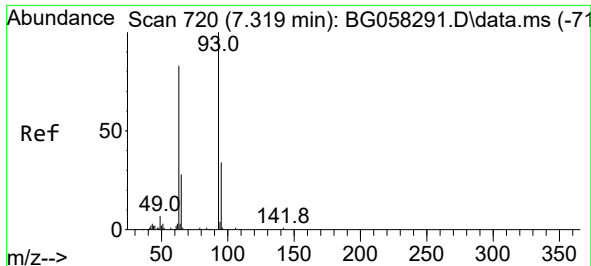
Tgt Ion: 77 Resp: 82179
Ion Ratio Lower Upper
77 100
105 97.3 78.2 117.4
106 90.0 71.6 107.4



#8
Phenol
Concen: 46.133 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion: 94 Resp: 166499
Ion Ratio Lower Upper
94 100
65 31.5 23.8 35.8
66 37.6 31.2 46.8



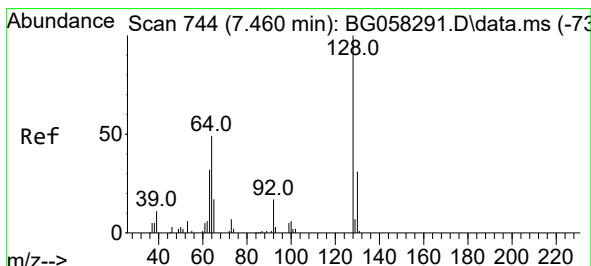
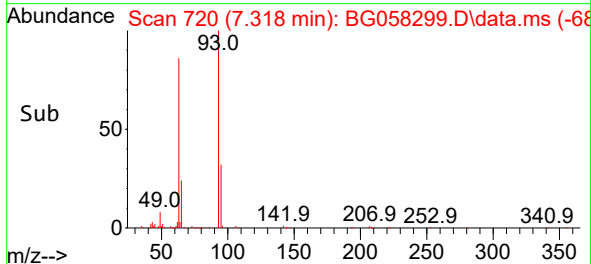
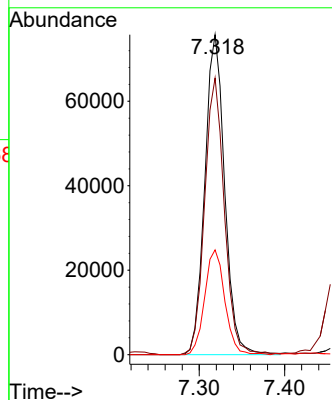
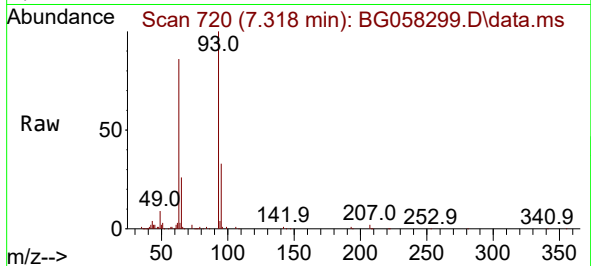


#10
 Bis(2-Chloroethyl)ether
 Concen: 44.324 ng/ul
 RT: 7.318 min Scan# 719
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 122548

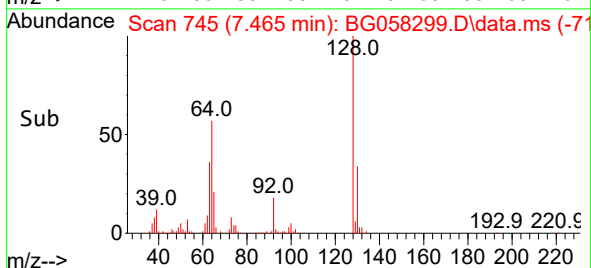
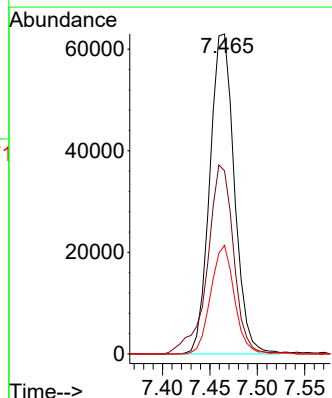
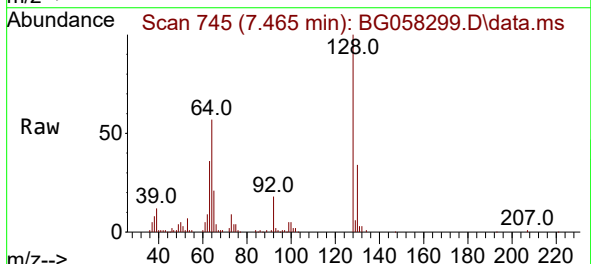
Ion	Ratio	Lower	Upper
93	100		
63	86.5	67.7	101.5
95	32.7	27.0	40.6

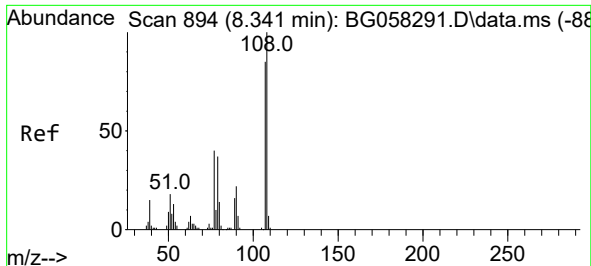


#12
 2-Chlorophenol
 Concen: 44.651 ng/ul
 RT: 7.465 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

Tgt Ion:128 Resp: 113702

Ion	Ratio	Lower	Upper
128	100		
64	57.3	45.6	68.4
130	33.9	25.2	37.8





#13

2-Methylphenol

Concen: 39.851 ng/ul

RT: 8.341 min Scan# 894

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

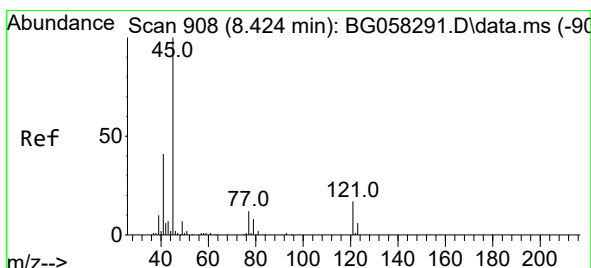
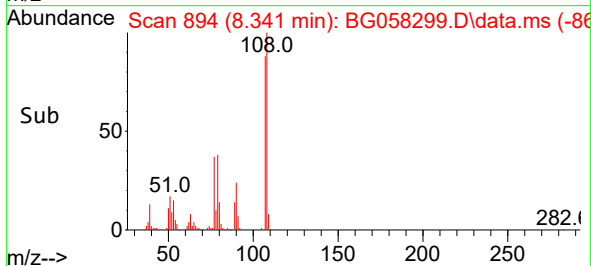
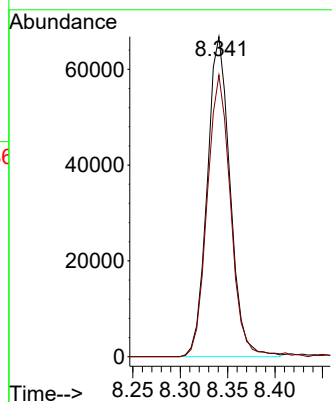
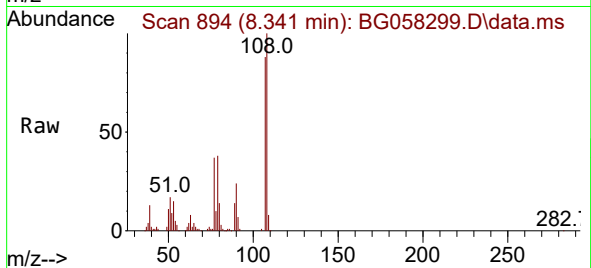
ClientSampleId :

Tgt Ion:108 Resp: 112096

Ion Ratio Lower Upper

108 100

107 88.0 71.5 107.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 44.254 ng/ul

RT: 8.423 min Scan# 908

Delta R.T. -0.005 min

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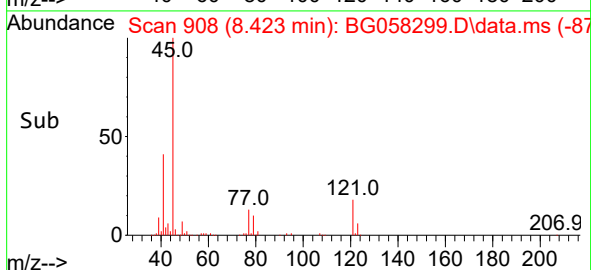
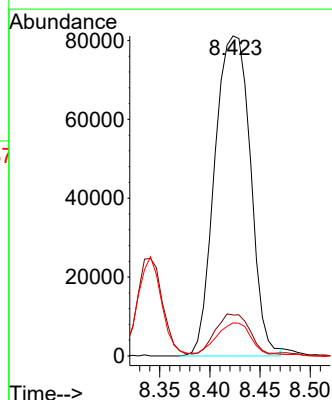
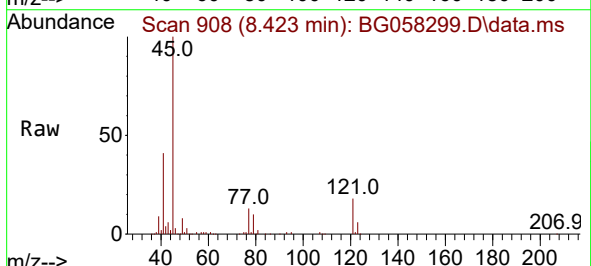
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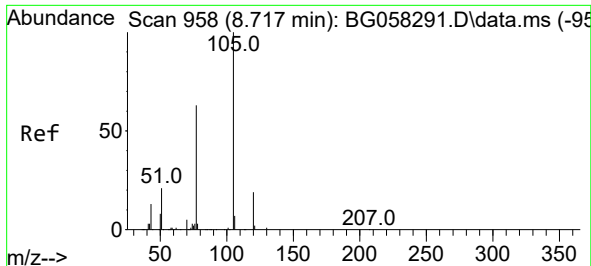
Ion Ratio Lower Upper

45 100

77 12.8 9.4 14.2

79 10.4 7.4 11.2

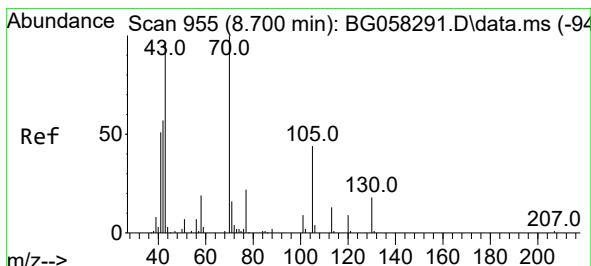
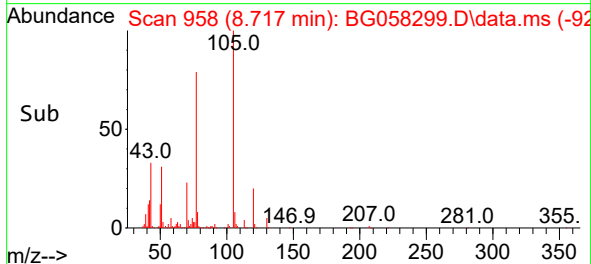
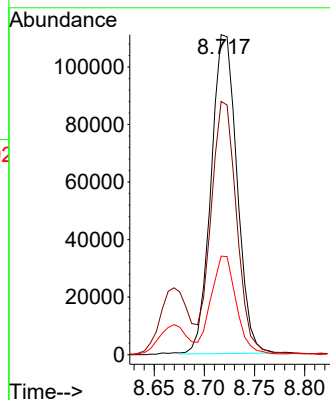
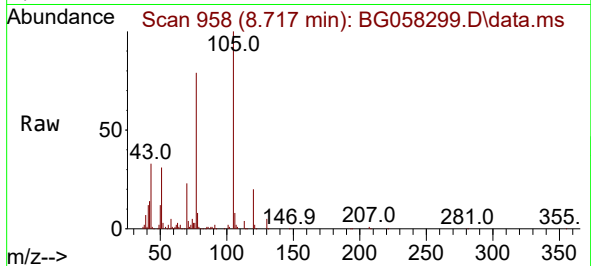




#16
Acetophenone
Concen: 44.120 ng/ul
RT: 8.717 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

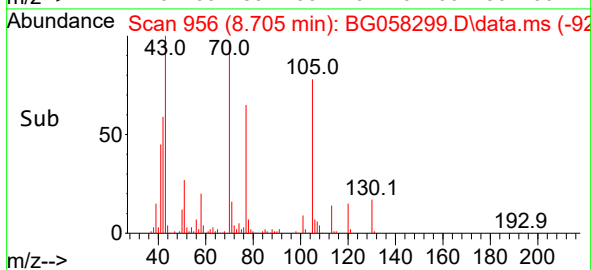
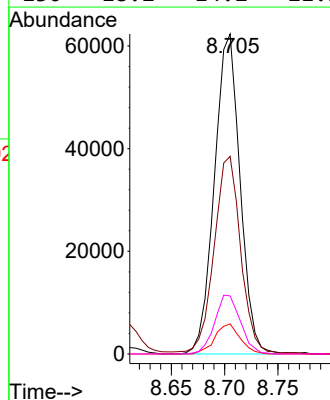
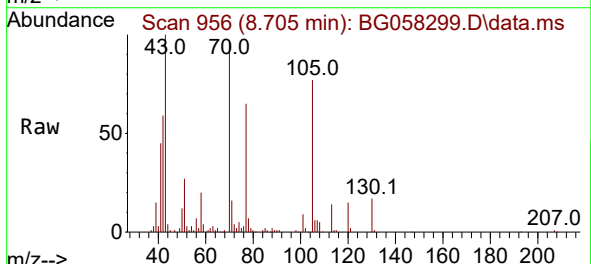
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ClientSampleId :

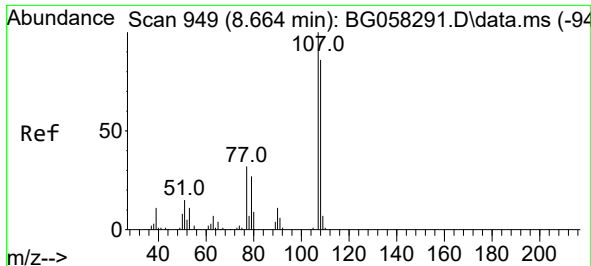
Tgt Ion:105 Resp: 199178
Ion Ratio Lower Upper
105 100
77 79.2 60.7 91.1
51 30.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 42.182 ng/ul
RT: 8.705 min Scan# 956
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion: 70 Resp: 104222
Ion Ratio Lower Upper
70 100
42 61.7 46.6 69.8
101 9.4 7.3 10.9
130 18.2 14.2 21.2

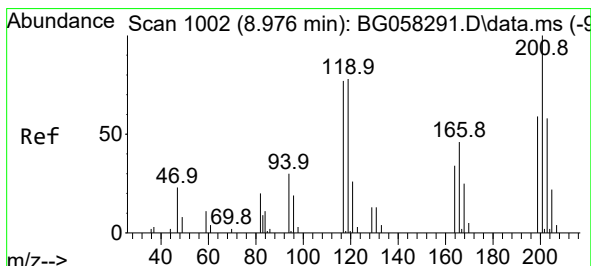
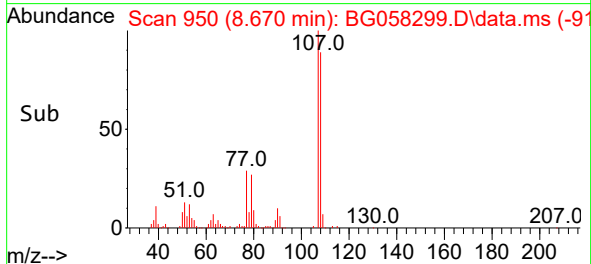
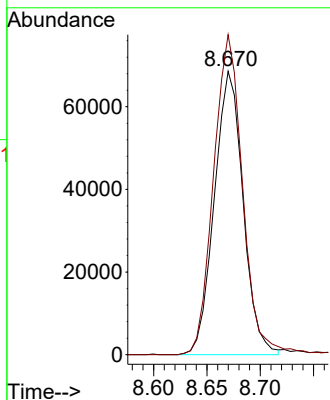
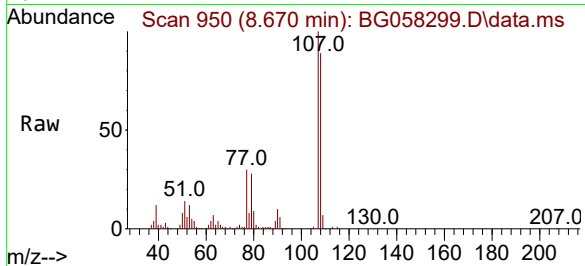




#18
4-Methylphenol
Concen: 42.077 ng/ul
RT: 8.670 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

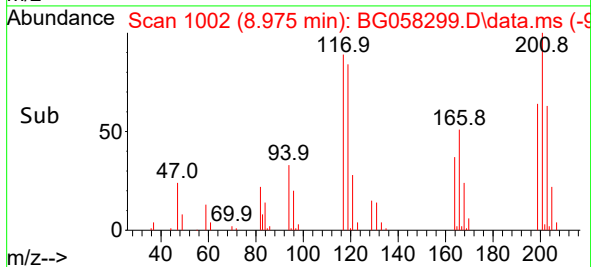
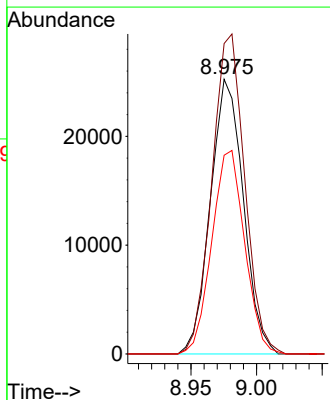
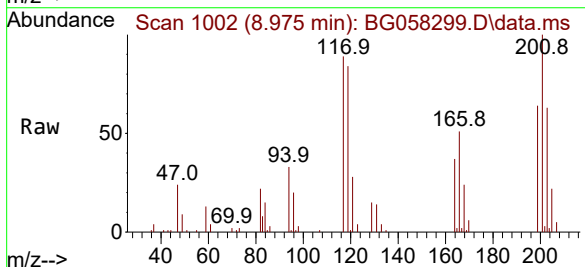
Instrument :
BNA_M
ClientSampleId :

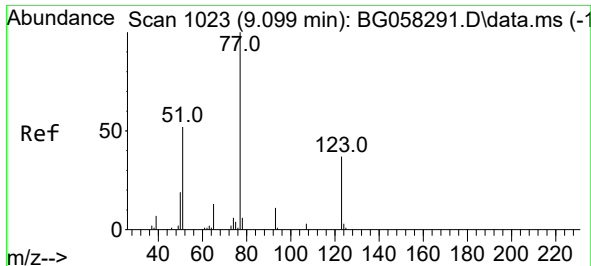
Tgt Ion:108 Resp: 128628
Ion Ratio Lower Upper
108 100
107 112.9 90.6 136.0



#19
Hexachloroethane
Concen: 43.909 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:117 Resp: 44073
Ion Ratio Lower Upper
117 100
201 113.0 103.6 155.4
199 72.3 60.1 90.1

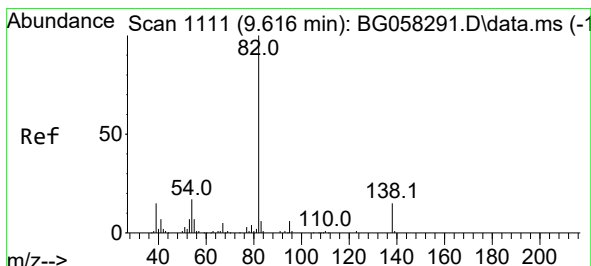
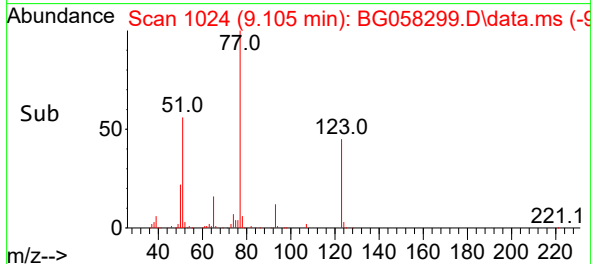
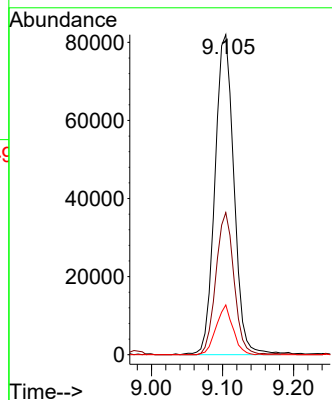
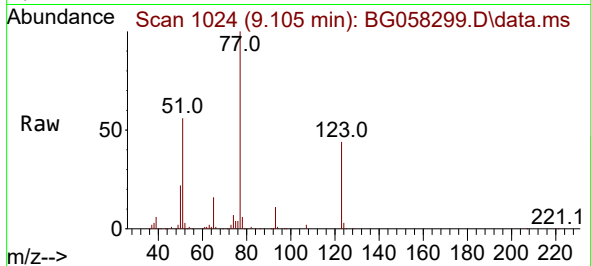




#22
Nitrobenzene
Concen: 44.992 ng/ul
RT: 9.105 min Scan# 1107
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

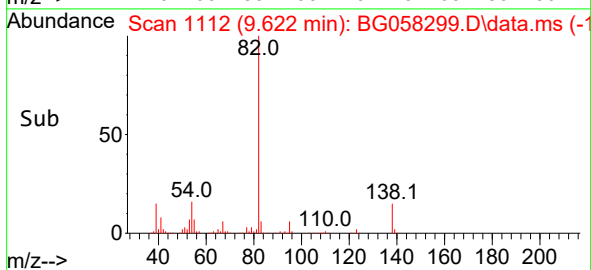
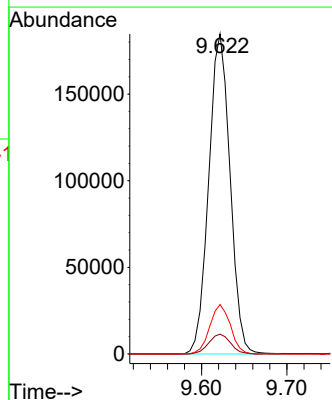
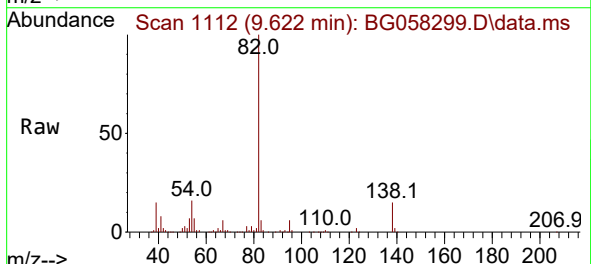
Instrument :
BNA_M
ClientSampleId :

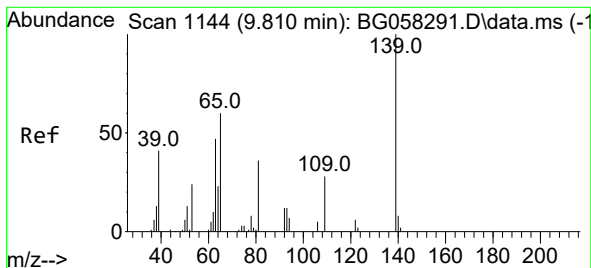
Tgt Ion: 77 Resp: 152307
Ion Ratio Lower Upper
77 100
123 44.4 34.0 51.0
65 15.6 11.0 16.6



#23
Isophorone
Concen: 42.253 ng/ul
RT: 9.622 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion: 82 Resp: 320682
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 15.4 11.9 17.9





#25

2-Nitrophenol

Concen: 46.658 ng/ul

RT: 9.815 min Scan# 1144

Delta R.T. 0.001 min

Lab File: BG058299.D

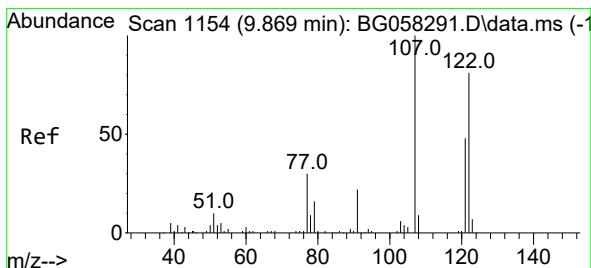
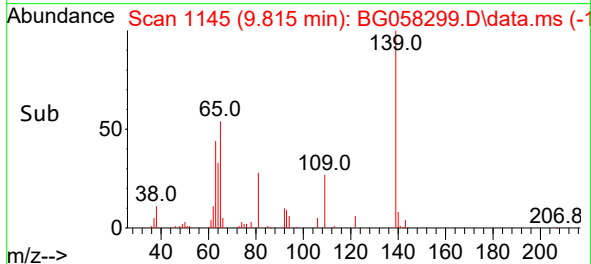
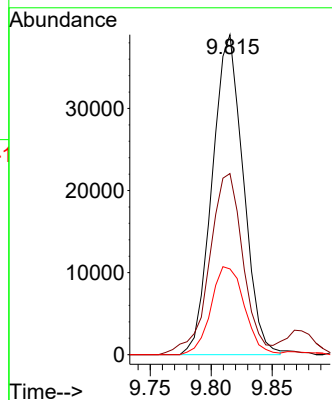
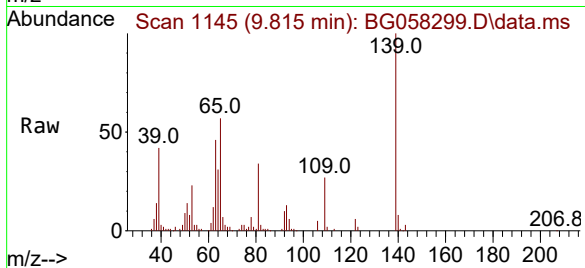
Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:139	Resp:	69066
Ion Ratio	Lower	Upper
139	100	
65	56.6	49.2 73.8
109	26.8	21.6 32.4



#26

2,4-Dimethylphenol

Concen: 16.606 ng/ul

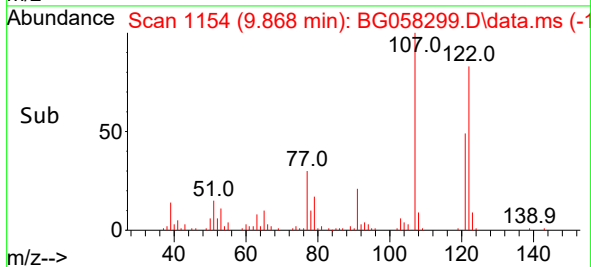
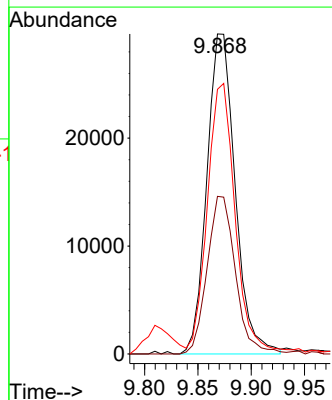
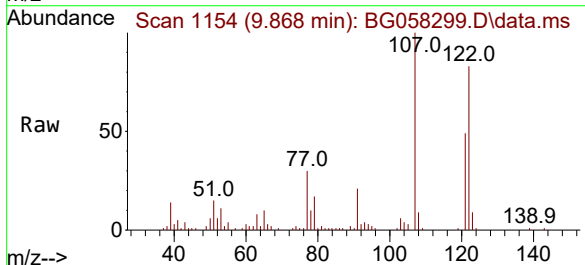
RT: 9.868 min Scan# 1154

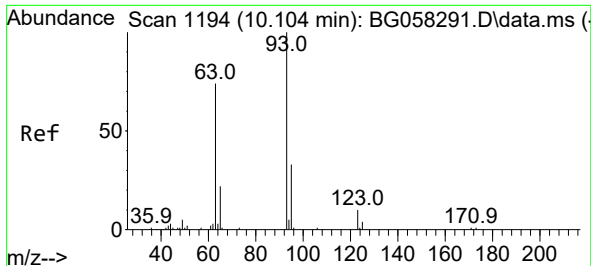
Delta R.T. -0.005 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Tgt Ion:107	Resp:	54811
Ion Ratio	Lower	Upper
107	100	
121	49.2	39.1 58.7
122	82.7	68.9 103.3

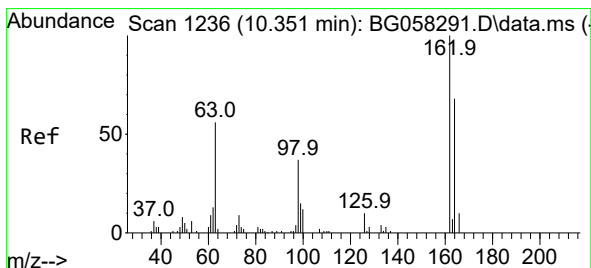
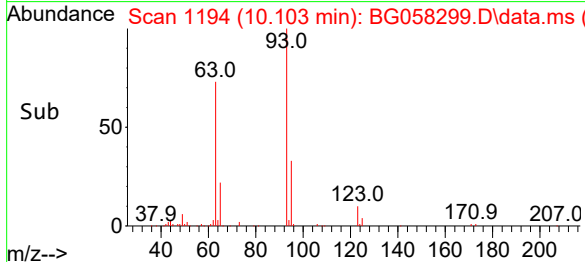
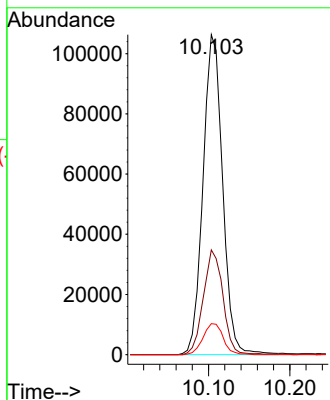
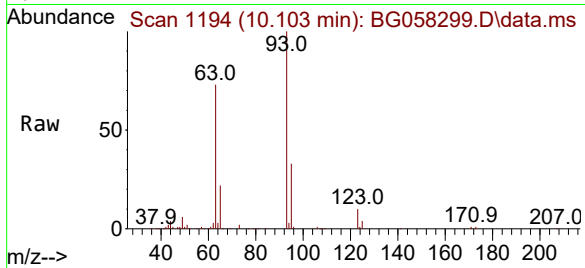




#27
 Bis(2-Chloroethoxy)methane
 Concen: 44.333 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

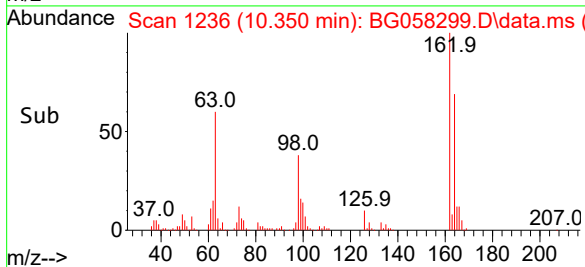
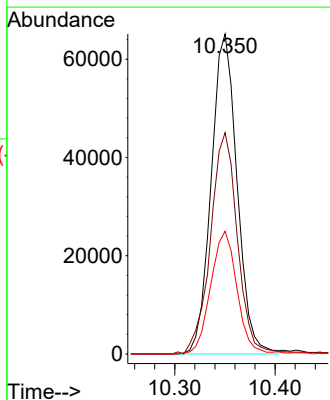
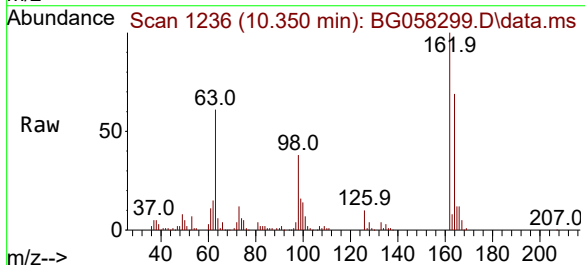
Instrument :
 BNA_M
 ClientSampleId :

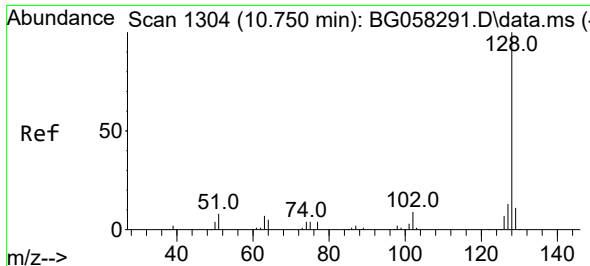
Tgt Ion: 93 Resp: 178193
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 9.7 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 46.284 ng/ul
 RT: 10.350 min Scan# 1236
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

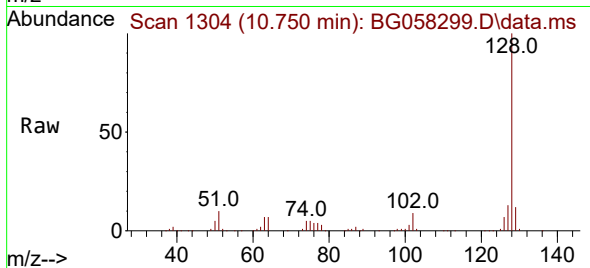
Tgt Ion:162 Resp: 116703
 Ion Ratio Lower Upper
 162 100
 164 69.1 58.4 87.6
 98 38.4 29.6 44.4



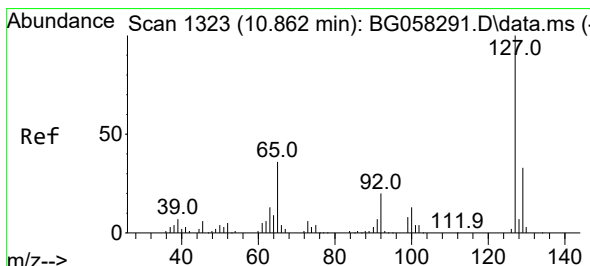
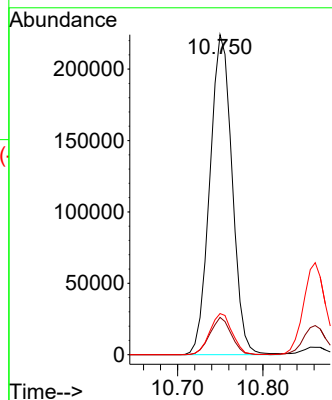
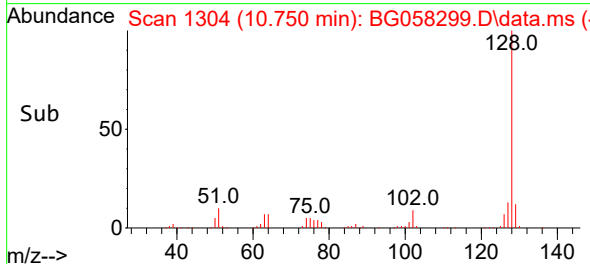


#30
Naphthalene
Concen: 44.907 ng/ul
RT: 10.750 min Scan# 1304
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

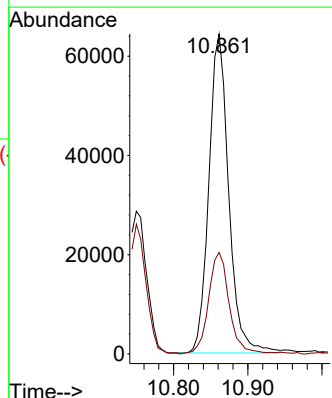
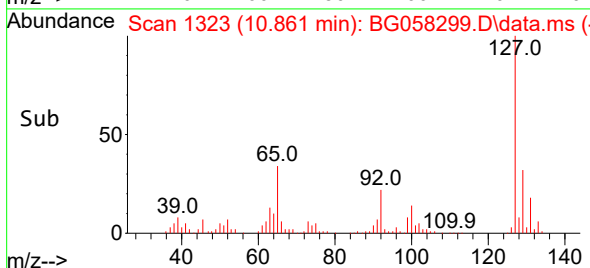
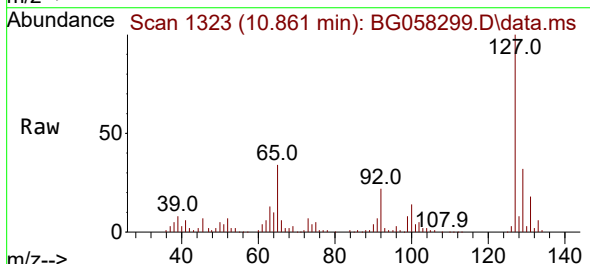


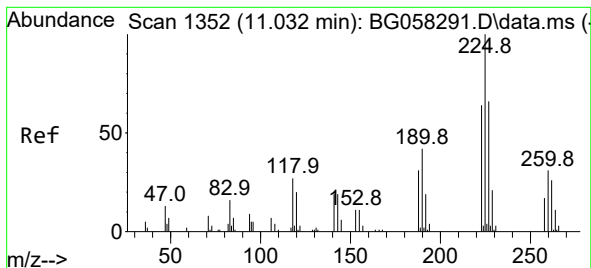
Tgt Ion:128 Resp: 406506
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 12.8 10.8 16.2



#32
4-Chloroaniline
Concen: 30.361 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:127 Resp: 119507
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 46.662 ng/ul

RT: 11.032 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

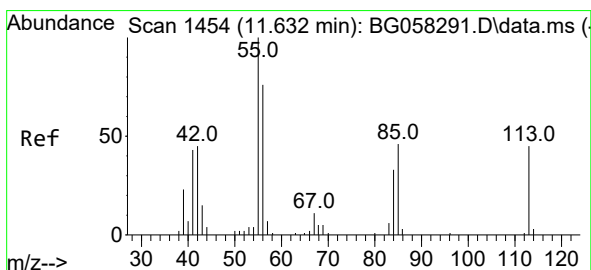
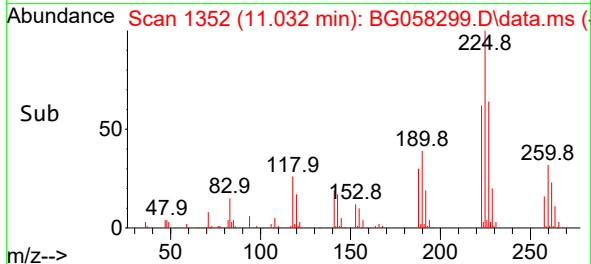
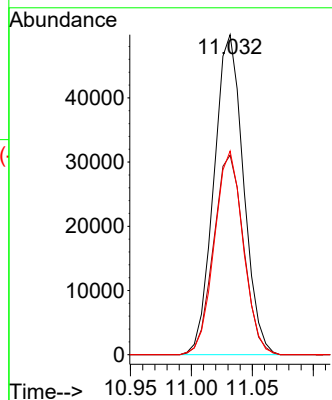
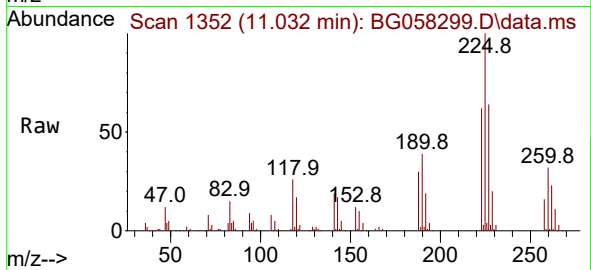
Tgt Ion:225 Resp: 84132

Ion Ratio Lower Upper

225 100

223 62.3 49.7 74.5

227 63.6 53.2 79.8



#34

Caprolactam

Concen: 25.127 ng/ul

RT: 11.619 min Scan# 1452

Delta R.T. -0.016 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

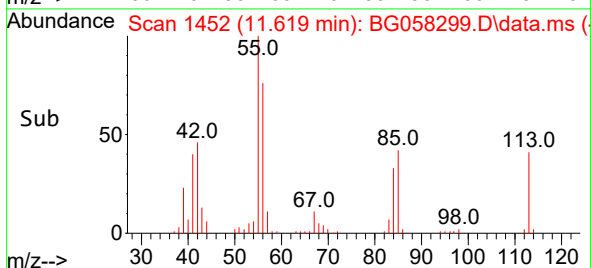
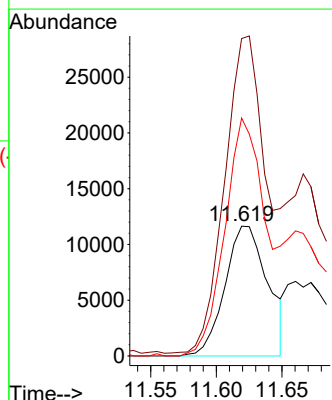
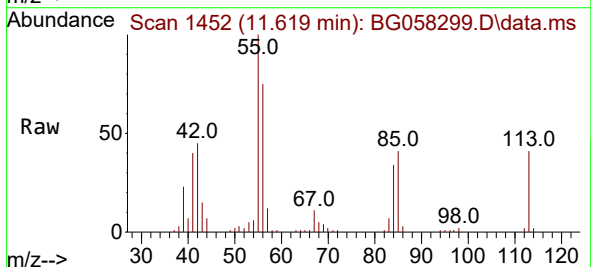
Tgt Ion:113 Resp: 26315

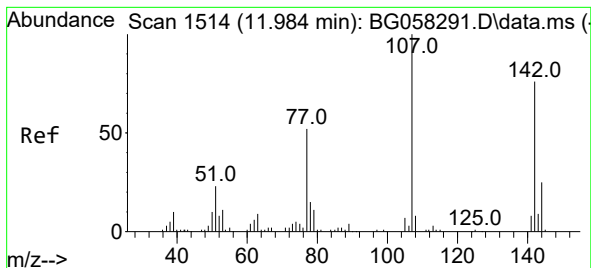
Ion Ratio Lower Upper

113 100

55 244.8 179.8 269.6

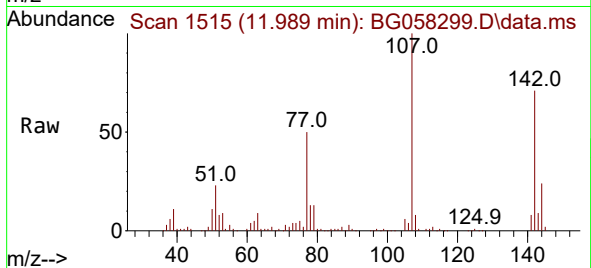
56 183.4 132.2 198.4



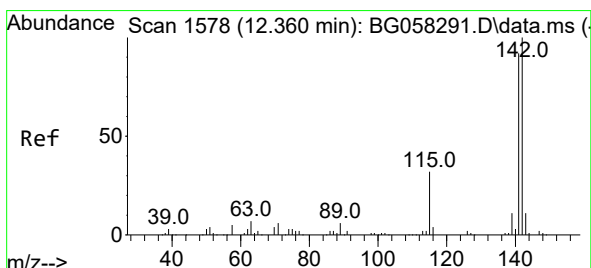
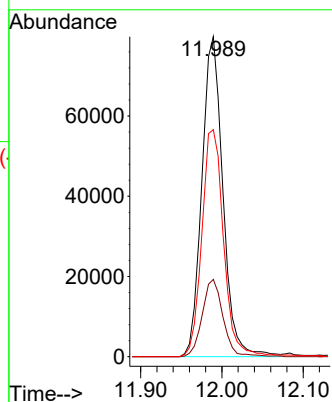
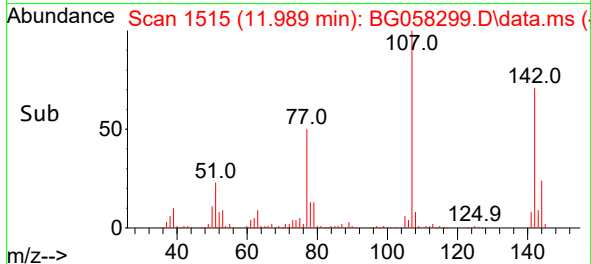


#35
 4-Chloro-3-methylphenol
 Concen: 44.734 ng/ul
 RT: 11.989 min Scan# 1514
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

Instrument :
 BNA_M
 ClientSampleId :

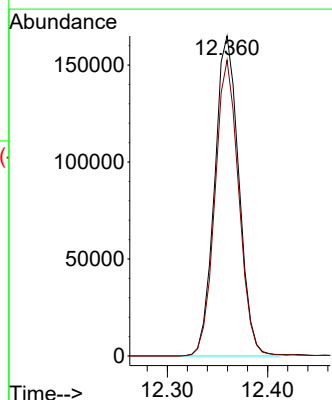
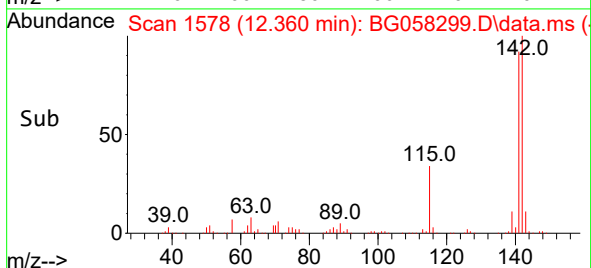
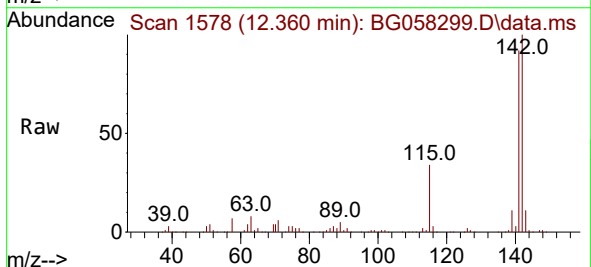


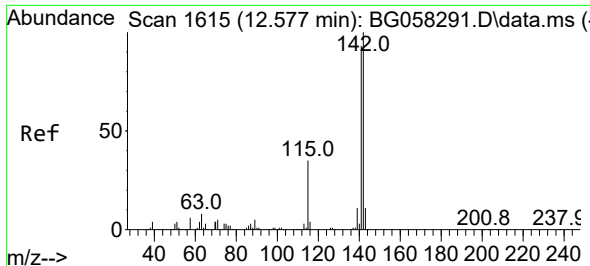
Tgt Ion:107 Resp: 143545
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 71.0 55.8 83.6



#36
 2-Methylnaphthalene
 Concen: 45.612 ng/ul
 RT: 12.360 min Scan# 1578
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

Tgt Ion:142 Resp: 276623
 Ion Ratio Lower Upper
 142 100
 141 92.5 72.6 108.8

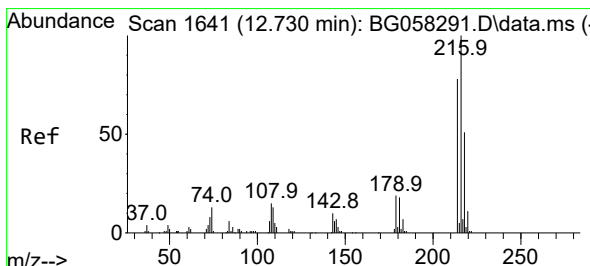
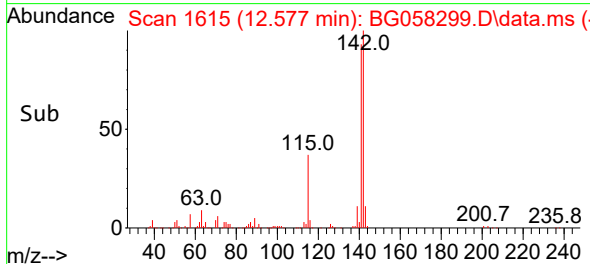
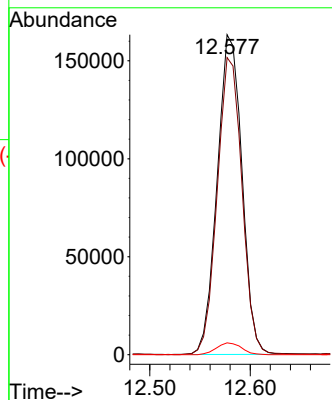
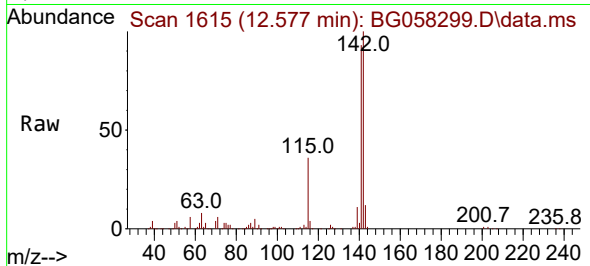




#37
1-Methylnaphthalene
Concen: 44.909 ng/ul
RT: 12.577 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

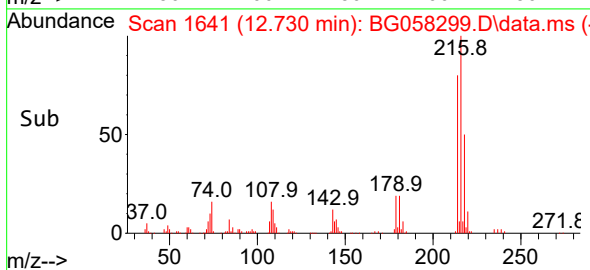
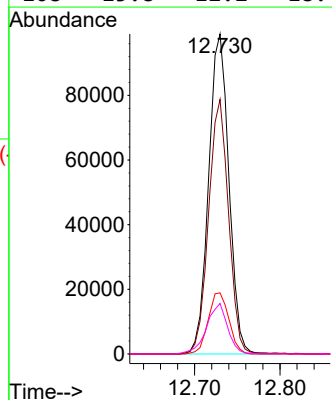
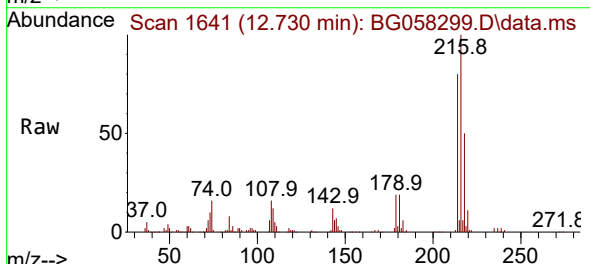
Instrument :
BNA_M
ClientSampleId :

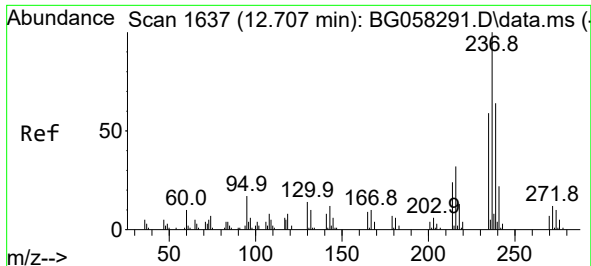
Tgt Ion:142 Resp: 279139
Ion Ratio Lower Upper
142 100
141 92.8 75.8 113.6
116 3.7 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.392 ng/ul
RT: 12.730 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

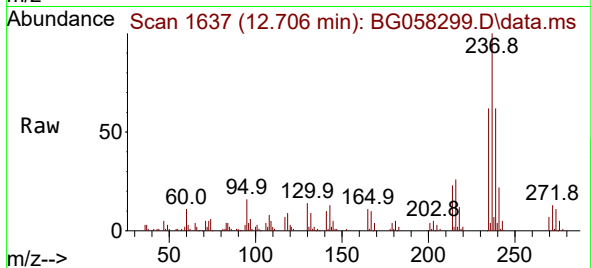
Tgt Ion:216 Resp: 163209
Ion Ratio Lower Upper
216 100
214 79.5 62.2 93.4
179 19.1 16.2 24.2
108 15.8 12.2 18.4



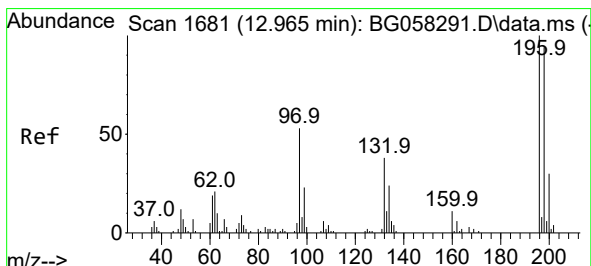
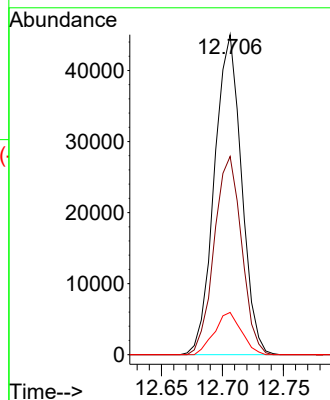
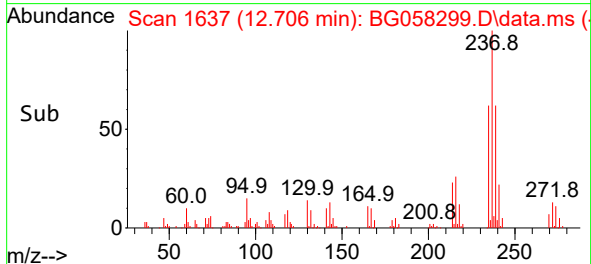


#40
Hexachlorocyclopentadiene
Concen: 35.971 ng/ul
RT: 12.706 min Scan# 1637
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

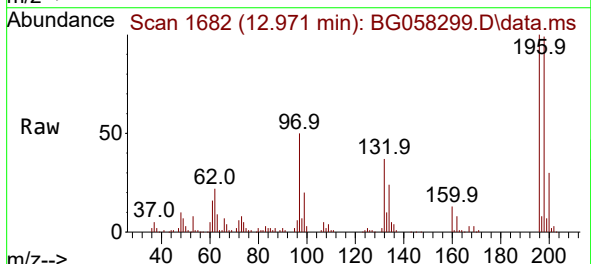
Instrument :
BNA_M
ClientSampleId :



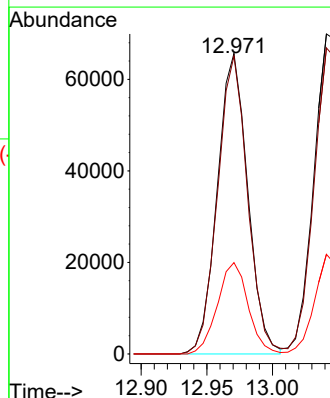
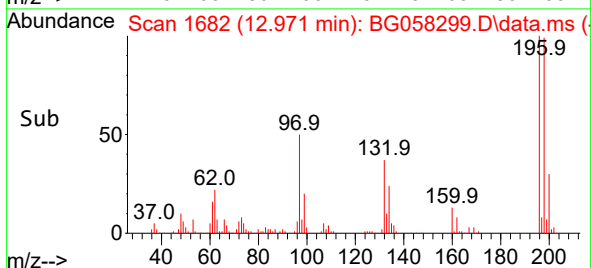
Tgt Ion:237 Resp: 69563
Ion Ratio Lower Upper
237 100
235 61.9 50.9 76.3
272 13.2 10.8 16.2

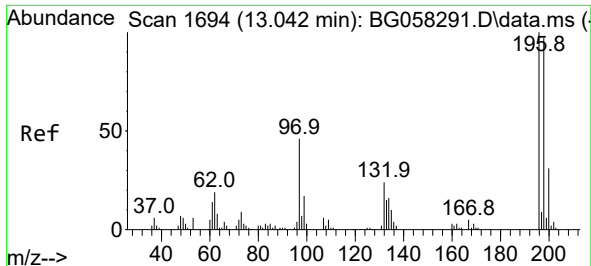


#41
2,4,6-Trichlorophenol
Concen: 43.422 ng/ul
RT: 12.971 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35



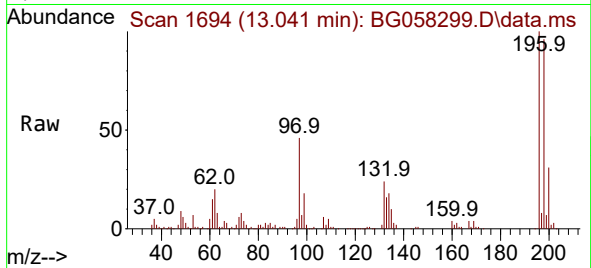
Tgt Ion:196 Resp: 105689
Ion Ratio Lower Upper
196 100
198 99.1 77.7 116.5
200 30.4 25.0 37.6



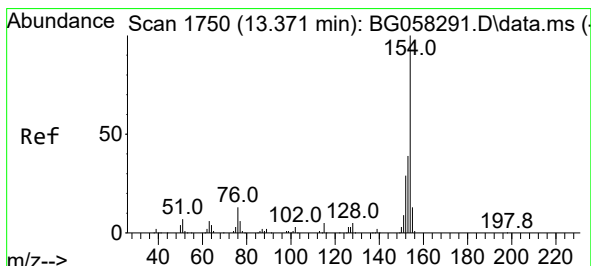
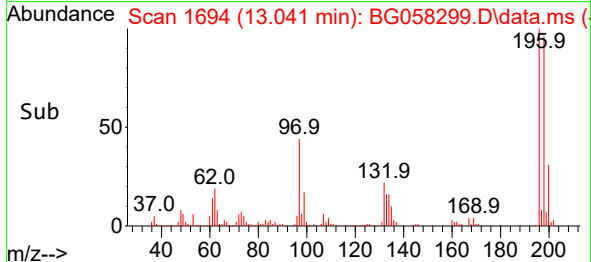
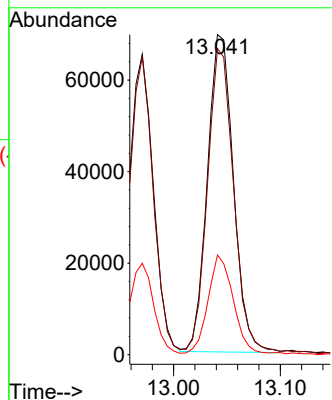


#42
2,4,5-Trichlorophenol
Concen: 45.366 ng/ul
RT: 13.041 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

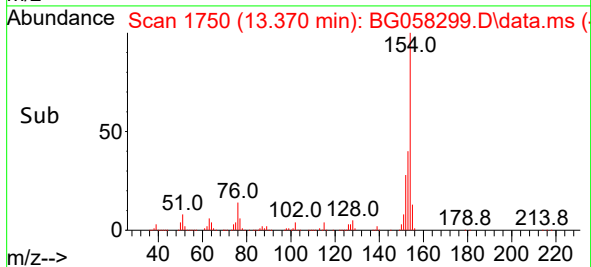
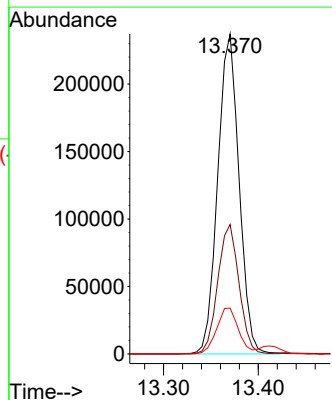
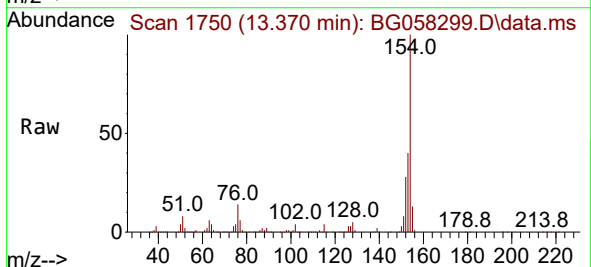


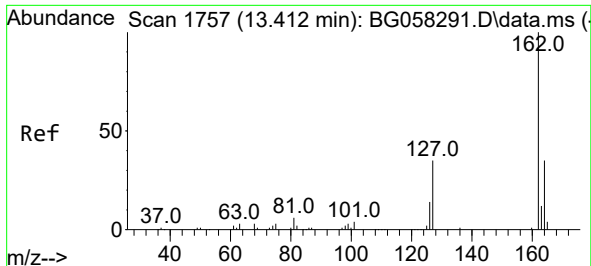
Tgt Ion:196 Resp: 117748
Ion Ratio Lower Upper
196 100
198 95.6 74.8 112.2
200 31.1 24.4 36.6



#43
1,1'-Biphenyl
Concen: 44.177 ng/ul
RT: 13.370 min Scan# 1750
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:154 Resp: 371039
Ion Ratio Lower Upper
154 100
153 40.5 31.8 47.6
76 14.4 11.7 17.5

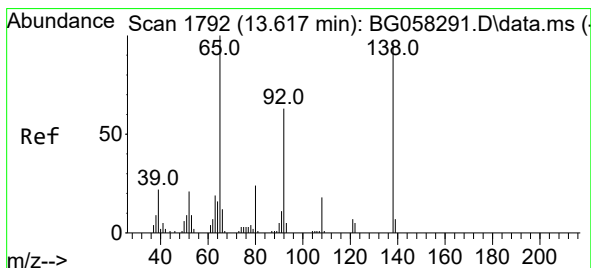
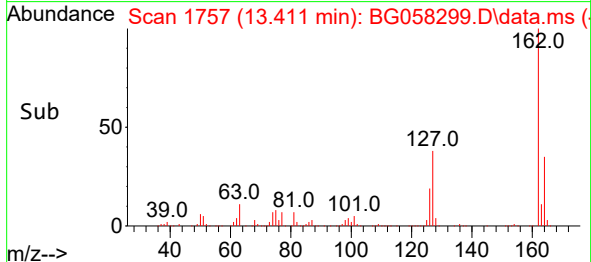
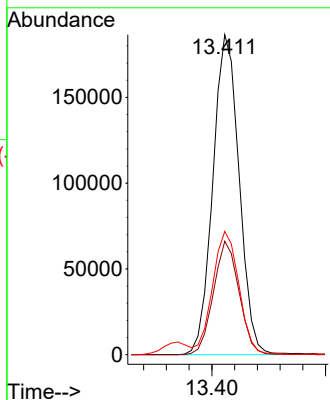
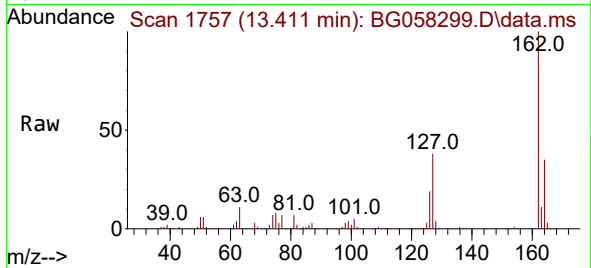




#44
2-Chloronaphthalene
Concen: 44.752 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

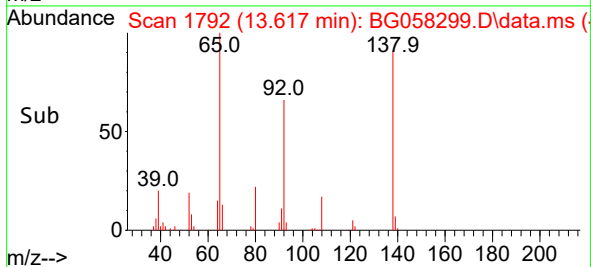
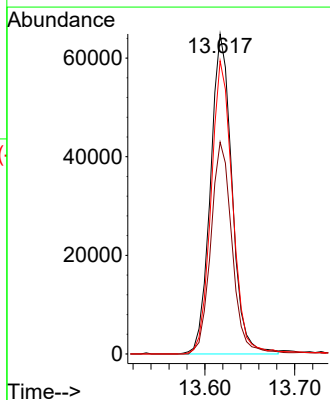
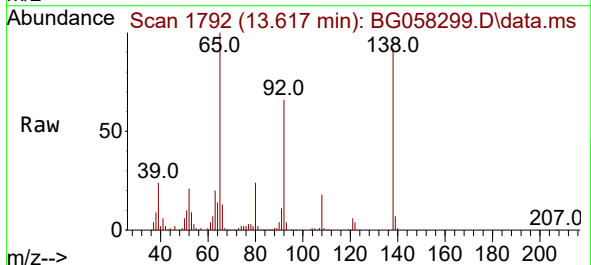
Instrument :
BNA_M
ClientSampleId :

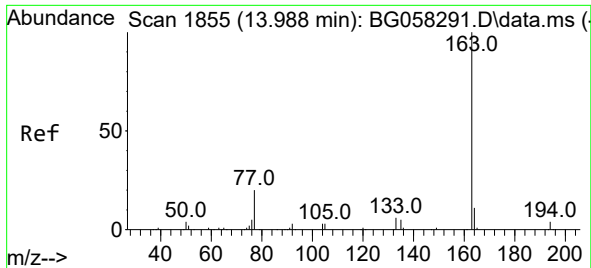
Tgt Ion:162 Resp: 298844
Ion Ratio Lower Upper
162 100
164 35.4 26.2 39.2
127 38.5 29.8 44.6



#45
2-Nitroaniline
Concen: 46.548 ng/ul
RT: 13.617 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion: 65 Resp: 107973
Ion Ratio Lower Upper
65 100
92 66.2 51.4 77.2
138 91.6 71.6 107.4

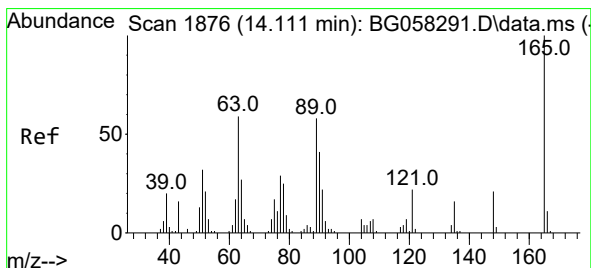
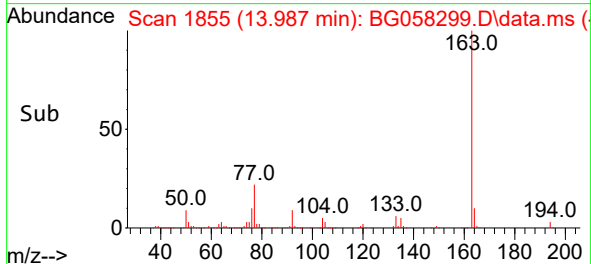
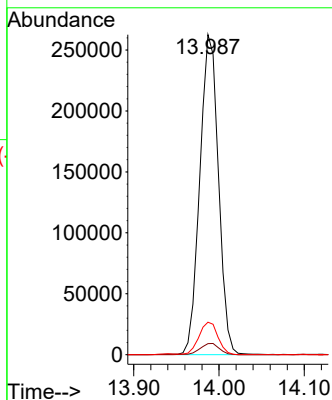
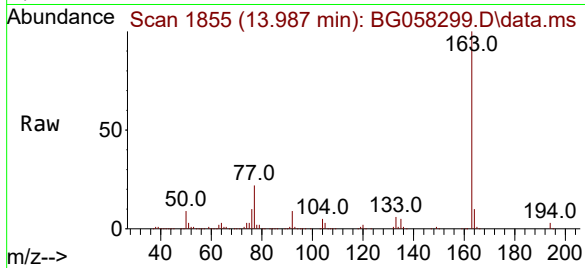




#47
Dimethylphthalate
Concen: 41.480 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

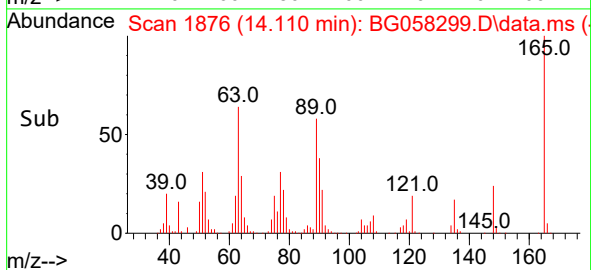
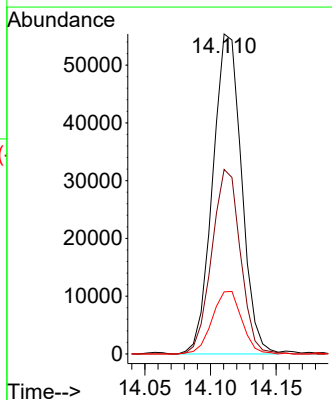
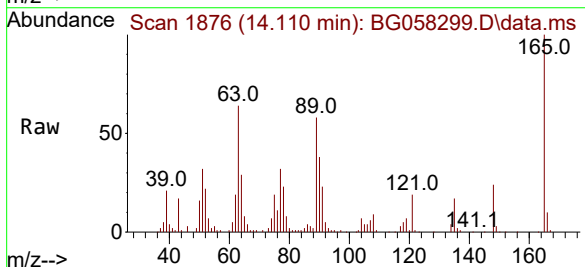
Instrument :
BNA_M
ClientSampleId :

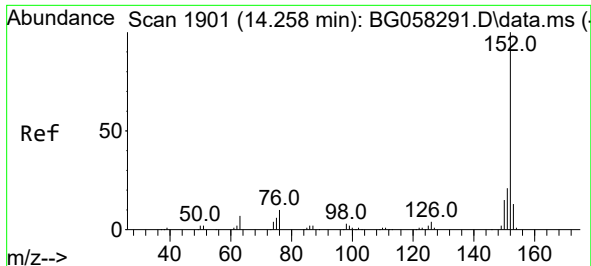
Tgt Ion:163 Resp: 399064
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 45.559 ng/ul
RT: 14.110 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

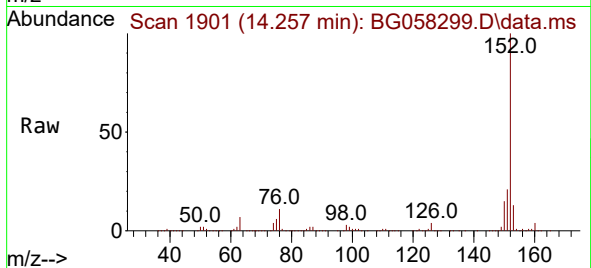
Tgt Ion:165 Resp: 84698
Ion Ratio Lower Upper
165 100
89 57.7 48.9 73.3
121 19.4 16.2 24.4



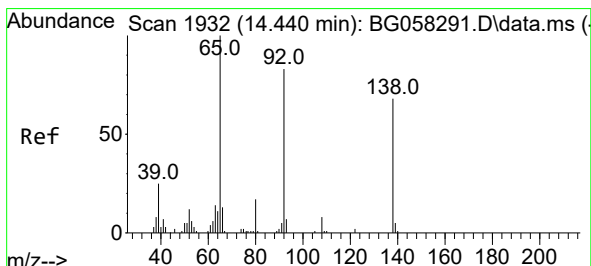
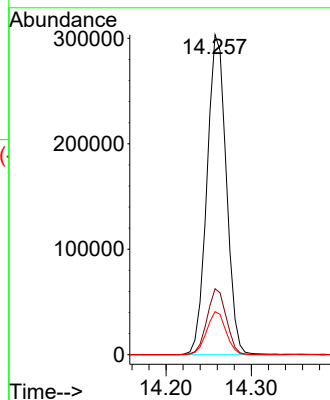
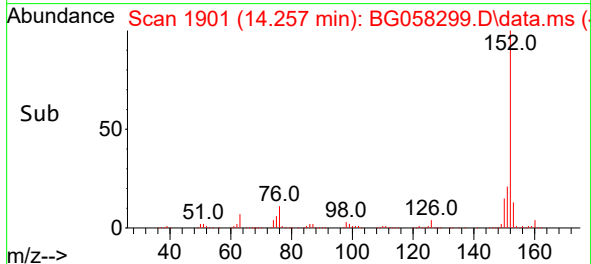


#50
Acenaphthylene
Concen: 44.163 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

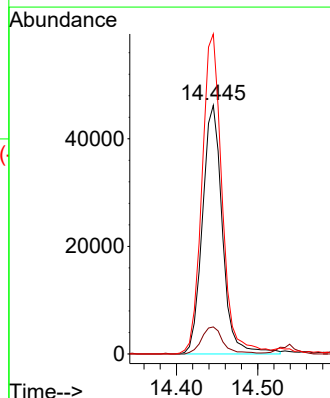
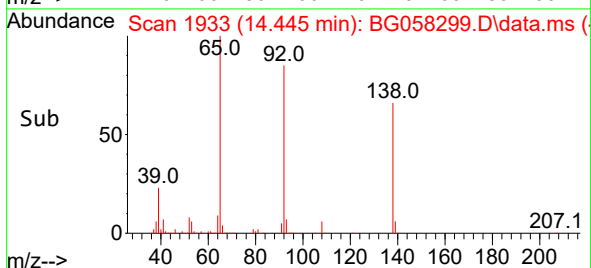
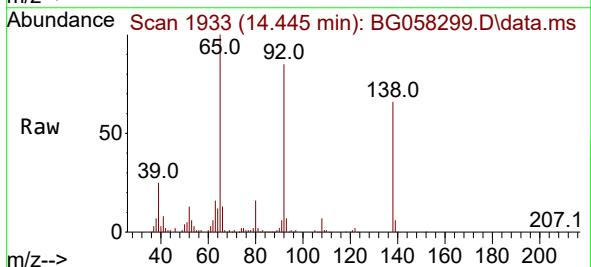


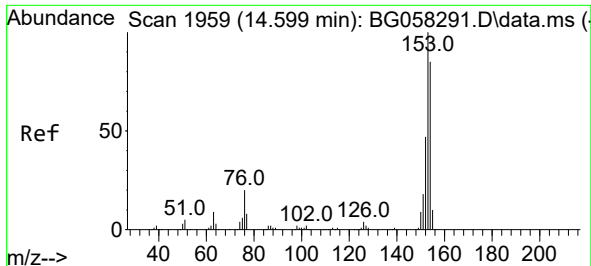
Tgt Ion:152 Resp: 478491
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.5 10.6 16.0



#51
3-Nitroaniline
Concen: 50.824 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:138 Resp: 78742
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 128.7 108.4 162.6

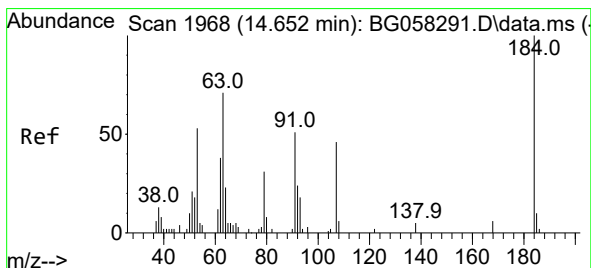
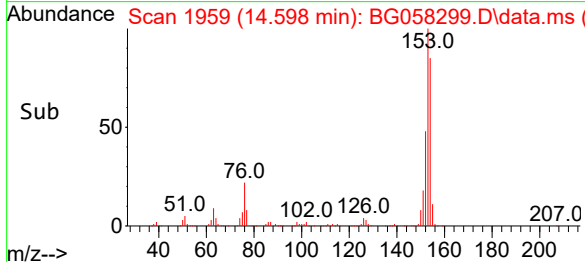
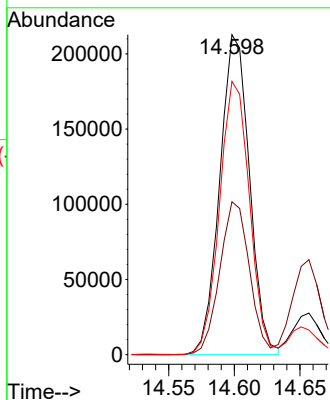
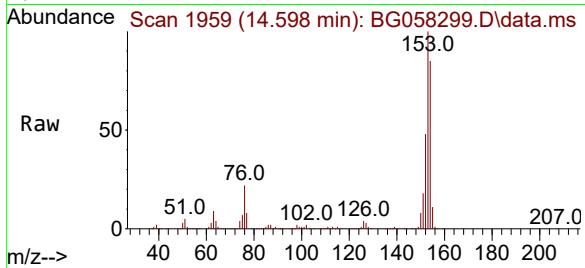




#52
Acenaphthene
Concen: 44.546 ng/ul
RT: 14.598 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

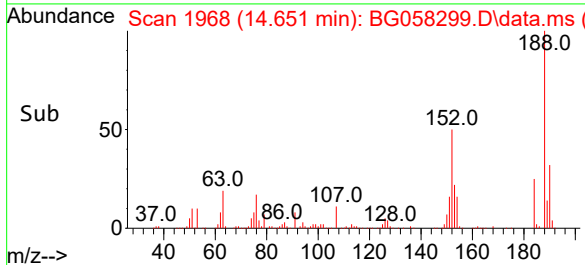
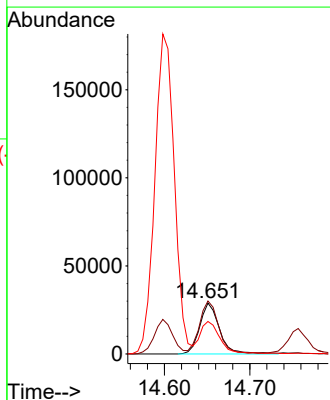
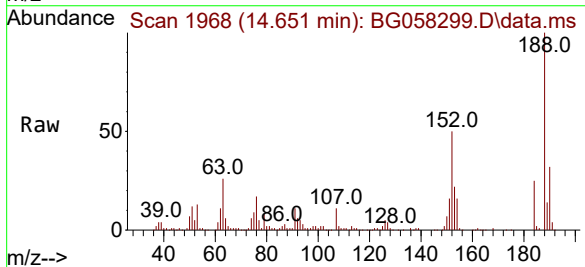
Instrument :
BNA_M
ClientSampleId :

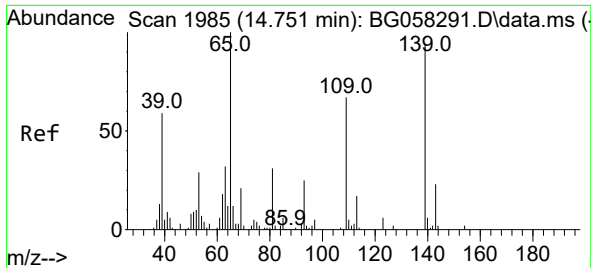
Tgt Ion:153 Resp: 335096
Ion Ratio Lower Upper
153 100
152 47.8 39.1 58.7
154 85.4 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 47.054 ng/ul
RT: 14.651 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:184 Resp: 46556
Ion Ratio Lower Upper
184 100
63 103.9 52.9 79.3#
154 64.0 47.8 71.8

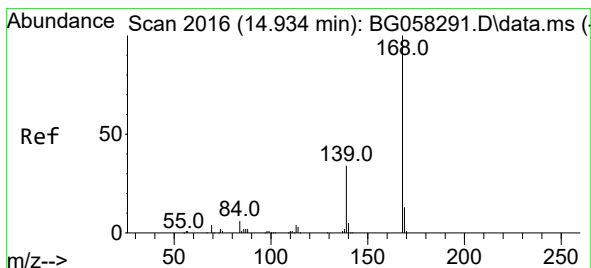
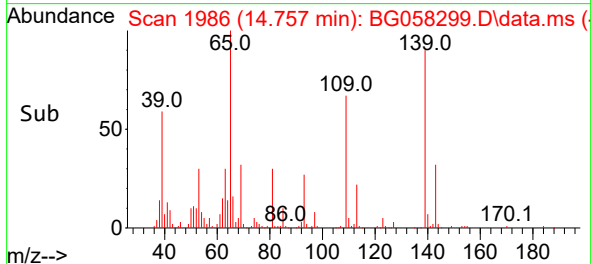
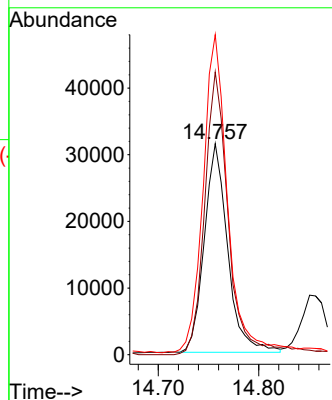
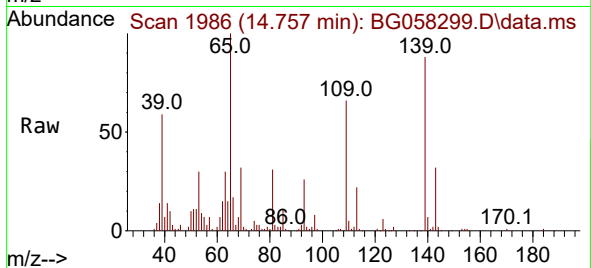




#55
4-Nitrophenol
Concen: 45.573 ng/ul
RT: 14.757 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

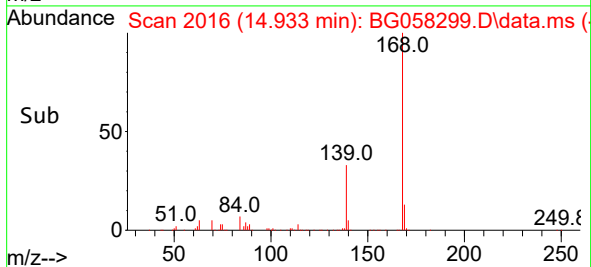
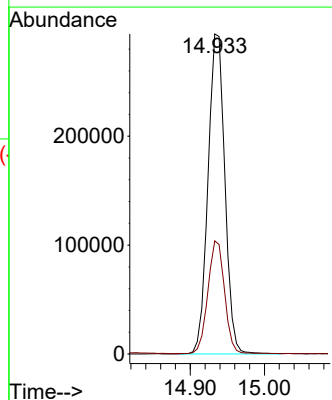
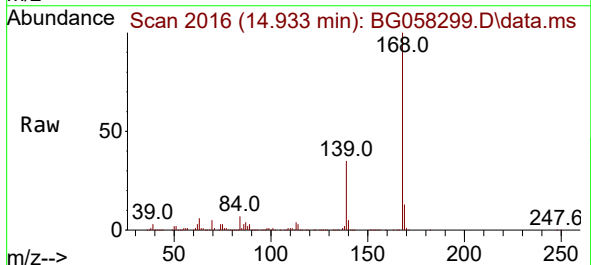
Instrument :
BNA_M
ClientSampleId :

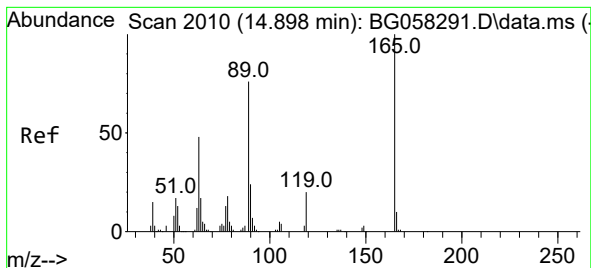
Tgt Ion:109 Resp: 50768
Ion Ratio Lower Upper
109 100
139 134.0 100.3 150.5
65 151.7 120.6 180.8



#56
Dibenzofuran
Concen: 43.381 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:168 Resp: 464665
Ion Ratio Lower Upper
168 100
139 35.3 27.8 41.8





#57

2,4-Dinitrotoluene

Concen: 45.487 ng/ul

RT: 14.904 min Scan# 2011

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

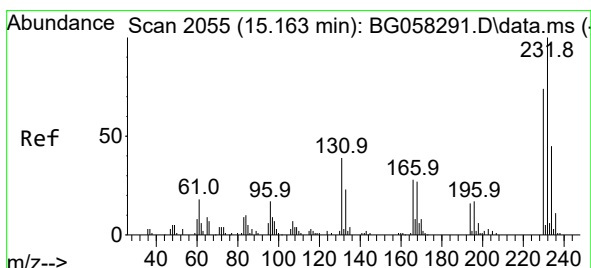
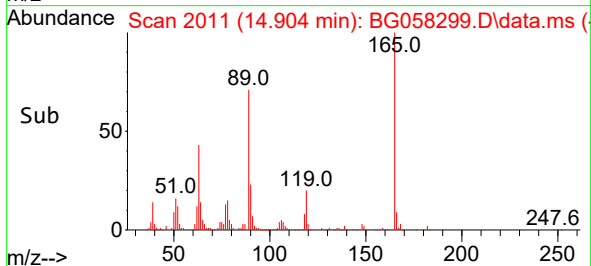
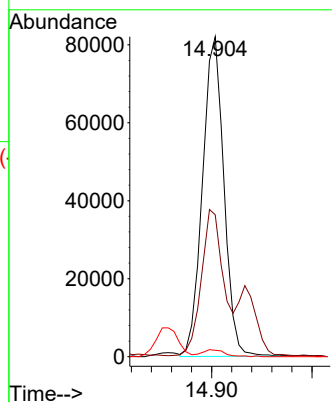
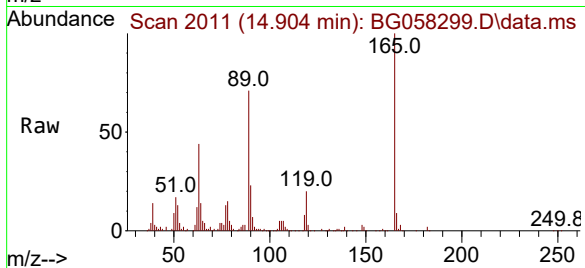
Tgt Ion:165 Resp: 121967

Ion Ratio Lower Upper

165 100

63 44.4 33.8 50.6

182 2.0 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.982 ng/ul

RT: 15.162 min Scan# 2055

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Tgt Ion:232 Resp: 100673

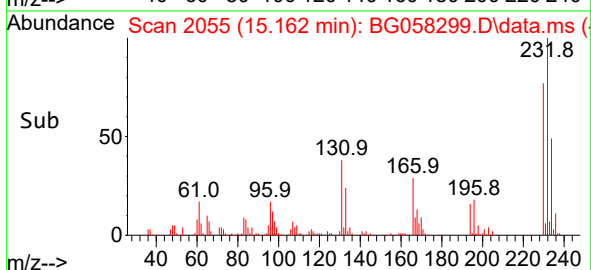
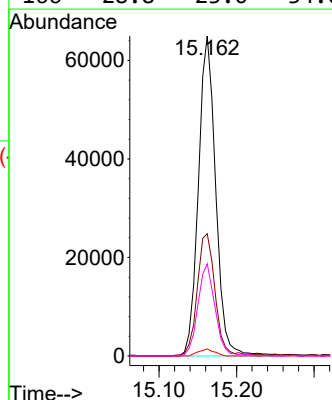
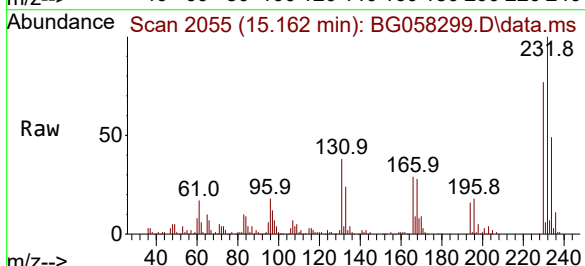
Ion Ratio Lower Upper

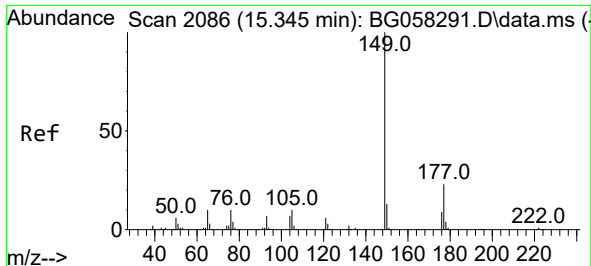
232 100

131 38.2 29.0 43.6

130 2.2 1.1 1.7#

166 28.8 23.0 34.6





#59

Diethylphthalate

Concen: 41.456 ng/ul

RT: 15.350 min Scan# 2086

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

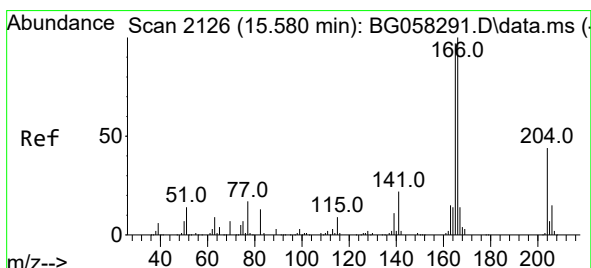
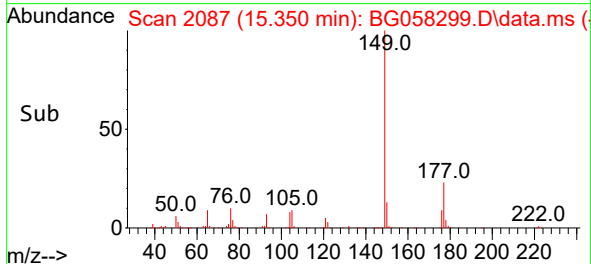
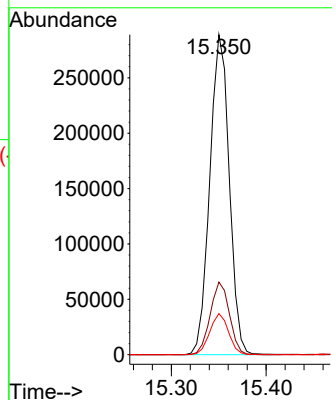
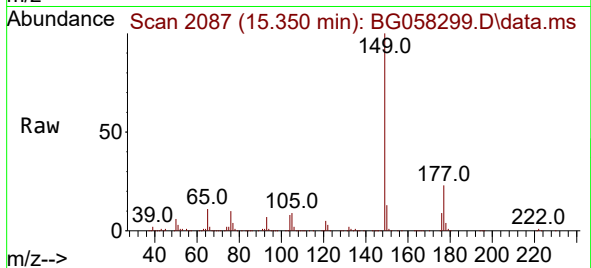
Tgt Ion:149 Resp: 410874

Ion Ratio Lower Upper

149 100

177 22.7 18.4 27.6

150 12.8 10.0 15.0



#61

Fluorene

Concen: 43.194 ng/ul

RT: 15.585 min Scan# 2127

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

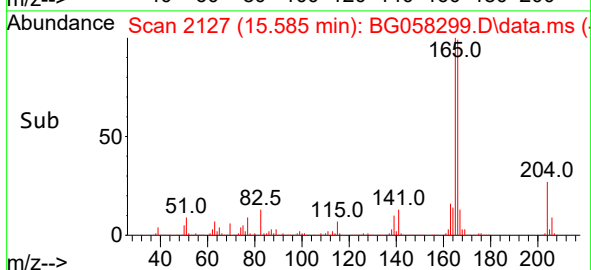
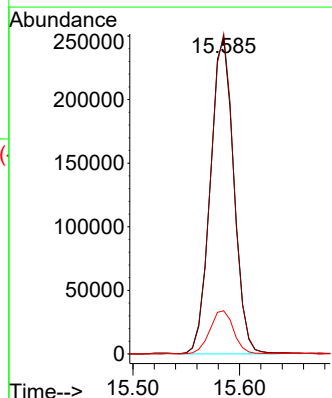
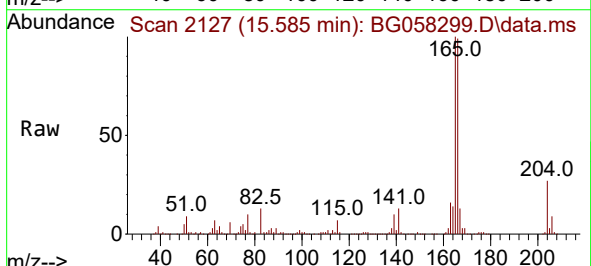
Tgt Ion:166 Resp: 379413

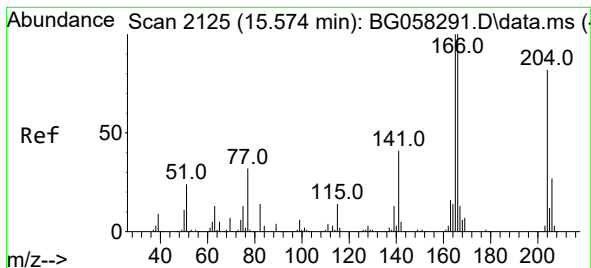
Ion Ratio Lower Upper

166 100

165 101.3 80.2 120.2

167 13.7 10.5 15.7

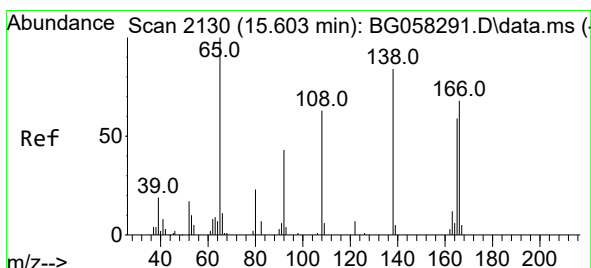
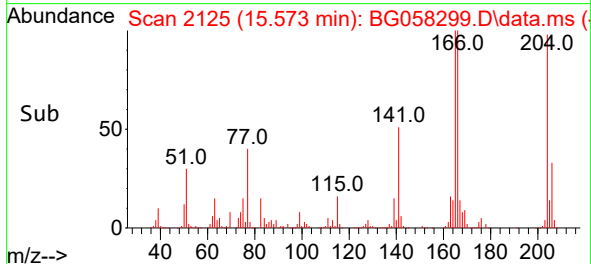
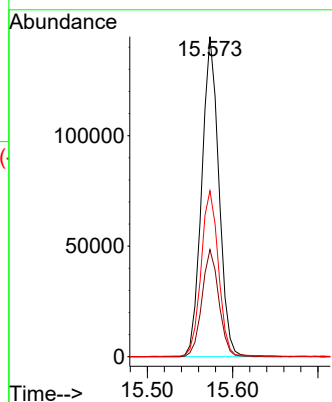
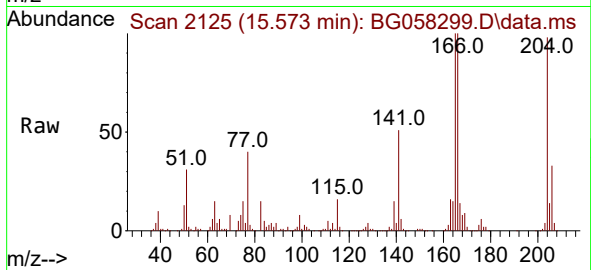




#62
4-Chlorophenyl-phenylether
Concen: 43.338 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

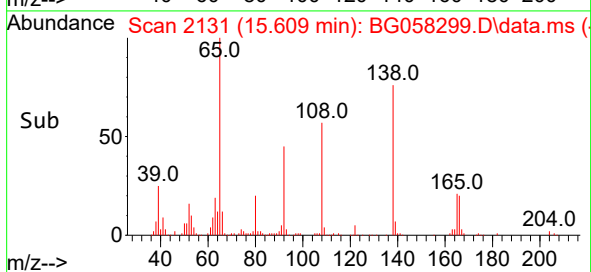
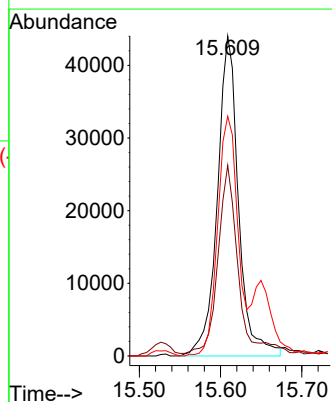
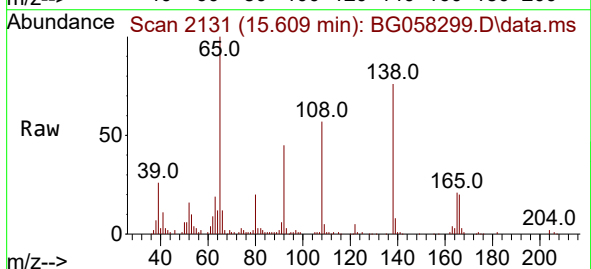
Instrument :
BNA_M
ClientSampleId :

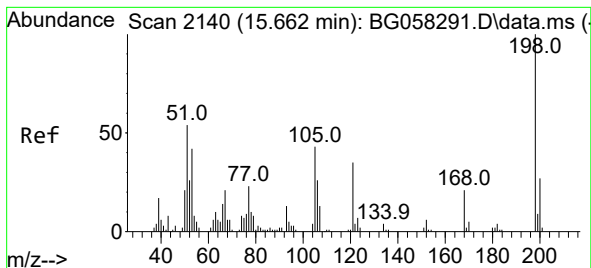
Tgt Ion:204 Resp: 202092
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 51.9 42.2 63.2



#63
4-Nitroaniline
Concen: 56.978 ng/ul
RT: 15.609 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:138 Resp: 79877
Ion Ratio Lower Upper
138 100
92 59.5 45.0 67.4
108 74.9 60.8 91.2

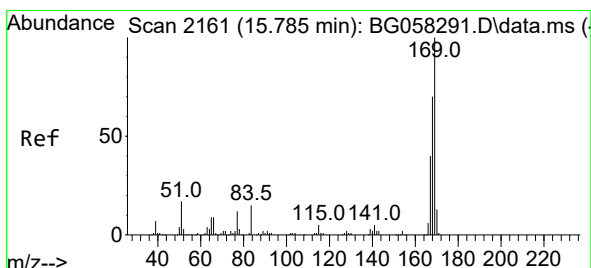
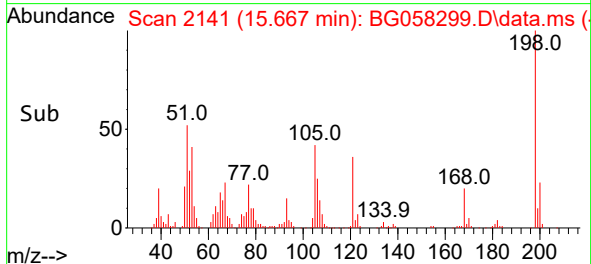
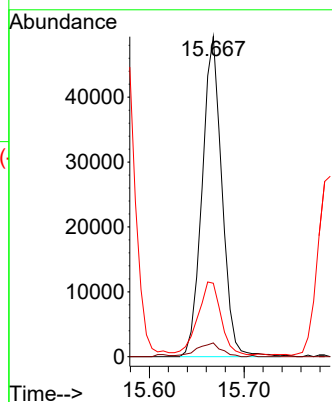
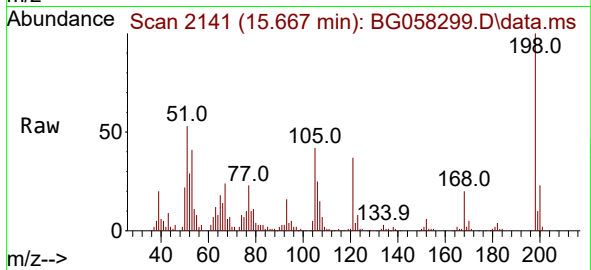




#66
 4,6-Dinitro-2-methylphenol
 Concen: 47.054 ng/ul
 RT: 15.667 min Scan# 2141
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

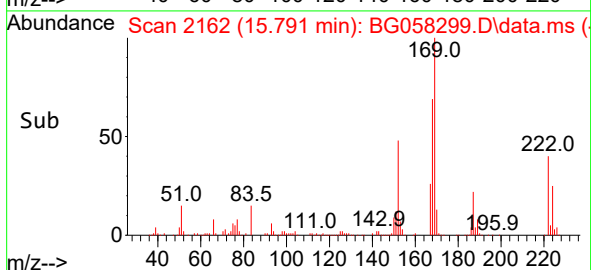
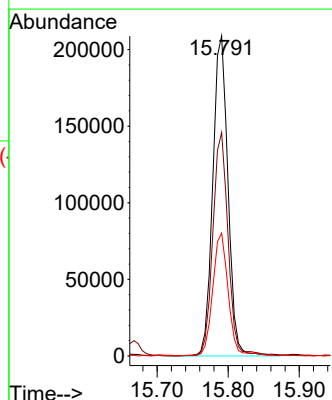
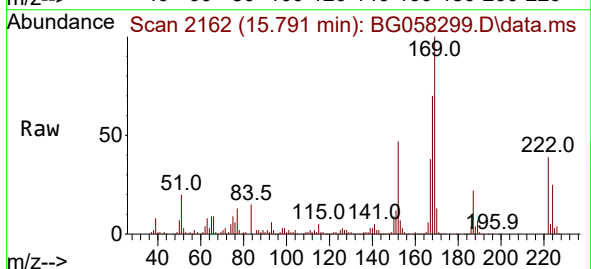
Instrument :
 BNA_M
 ClientSampleId :

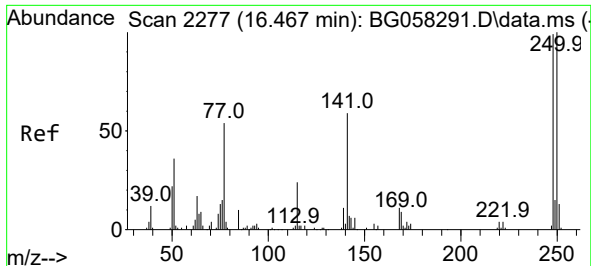
Tgt Ion:198 Resp: 71509
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.4 5.2
 77 23.0 18.4 27.6



#67
 N-Nitrosodiphenylamine
 Concen: 43.245 ng/ul
 RT: 15.791 min Scan# 2162
 Delta R.T. 0.001 min
 Lab File: BG058299.D
 Acq: 18 Jul 2023 13:35

Tgt Ion:169 Resp: 310795
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.7 83.5
 167 38.4 31.2 46.8

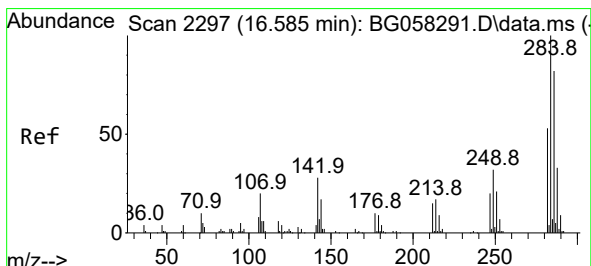
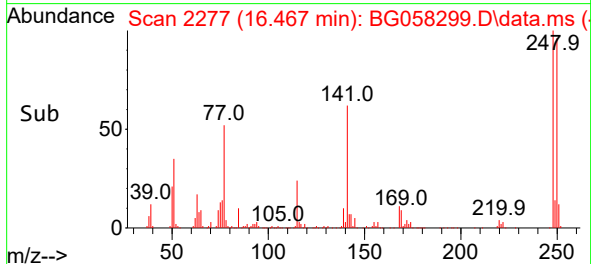
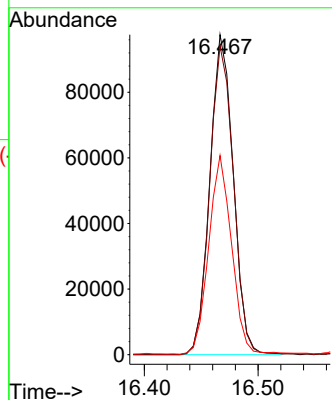
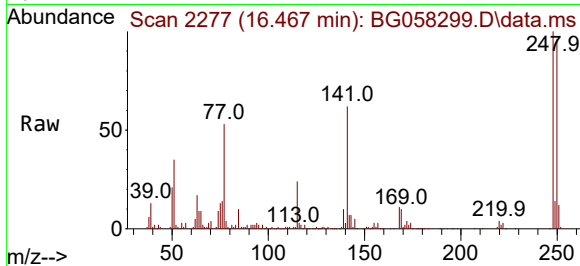




#68
4-Bromophenyl-phenylether
Concen: 45.380 ng/ul
RT: 16.467 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

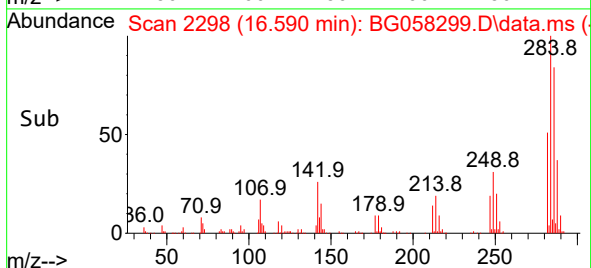
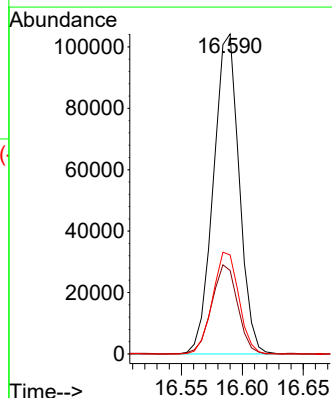
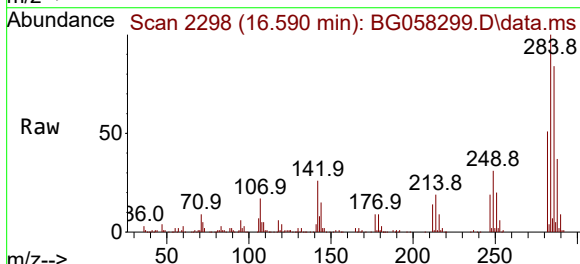
Instrument :
BNA_M
ClientSampleId :

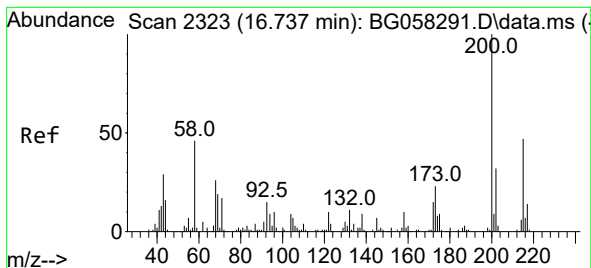
Tgt Ion:248 Resp: 139358
Ion Ratio Lower Upper
248 100
250 96.5 73.8 110.6
141 62.3 48.2 72.2



#69
Hexachlorobenzene
Concen: 44.213 ng/ul
RT: 16.590 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:284 Resp: 153207
Ion Ratio Lower Upper
284 100
142 26.1 20.5 30.7
249 31.0 25.2 37.8





#70

Atrazine

Concen: 25.242 ng/ul

RT: 16.737 min Scan# 21

Delta R.T. 0.001 min

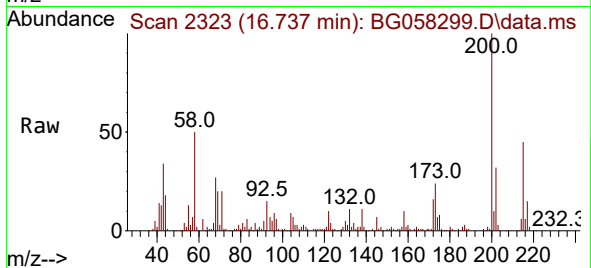
Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :



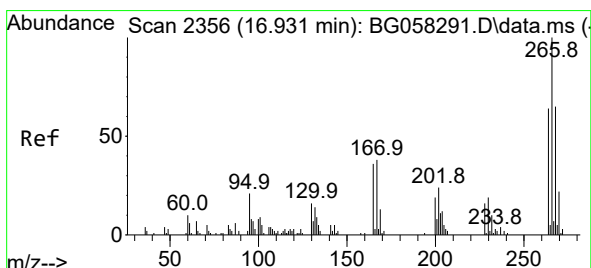
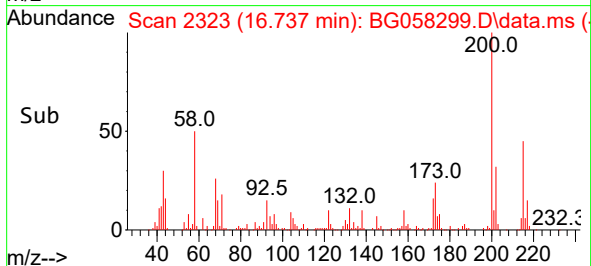
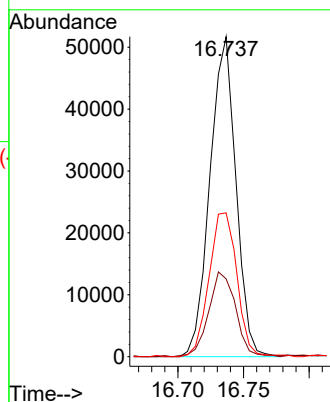
Tgt Ion:200 Resp: 71125

Ion Ratio Lower Upper

200 100

173 24.3 19.8 29.8

215 45.0 36.2 54.4



#71

Pentachlorophenol

Concen: 40.339 ng/ul

RT: 16.931 min Scan# 2356

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

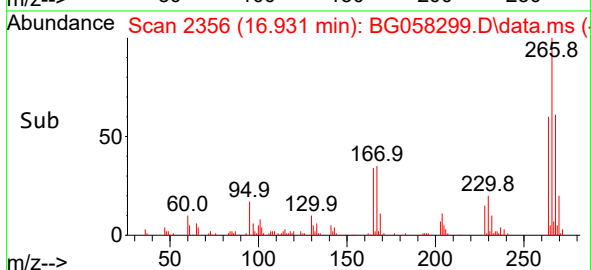
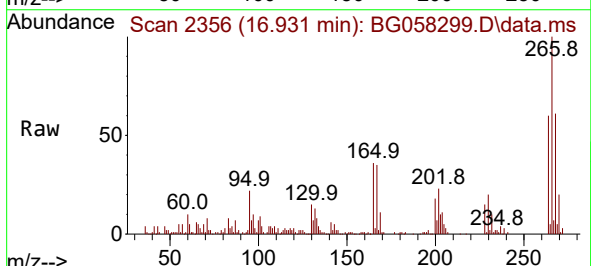
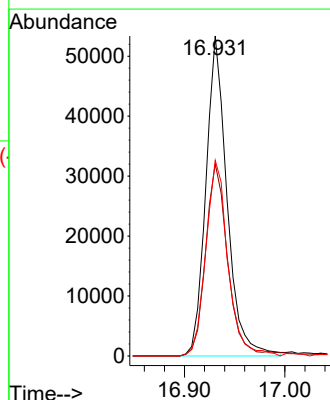
Tgt Ion:266 Resp: 78462

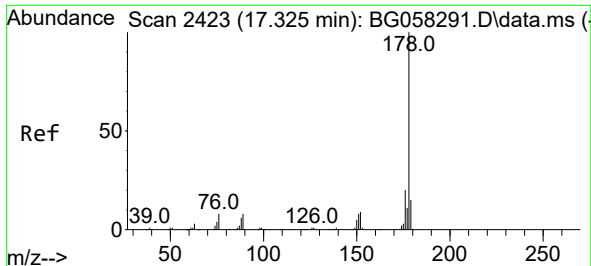
Ion Ratio Lower Upper

266 100

264 60.0 46.6 70.0

268 61.2 47.6 71.4

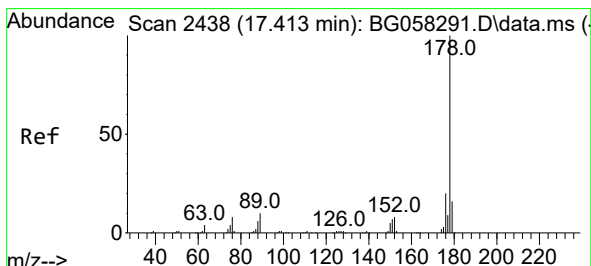
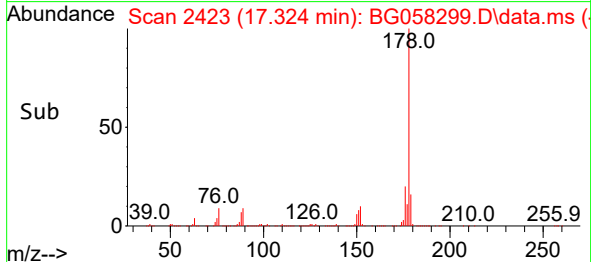
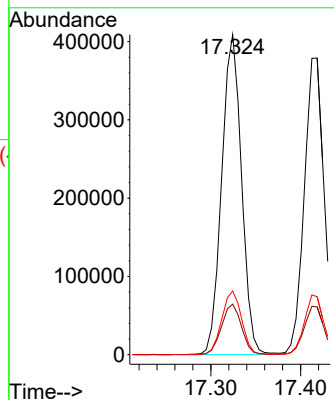
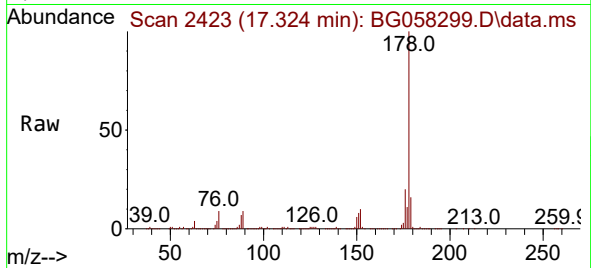




#72
Phenanthrene
Concen: 45.458 ng/ul
RT: 17.324 min Scan# 2423
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

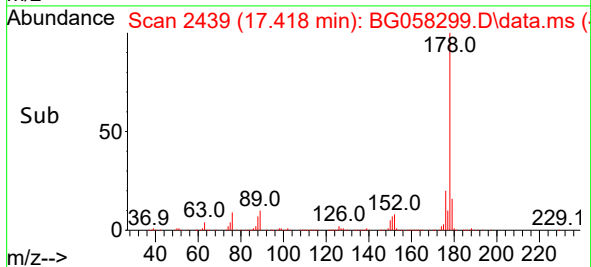
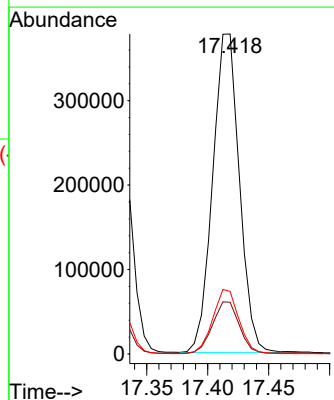
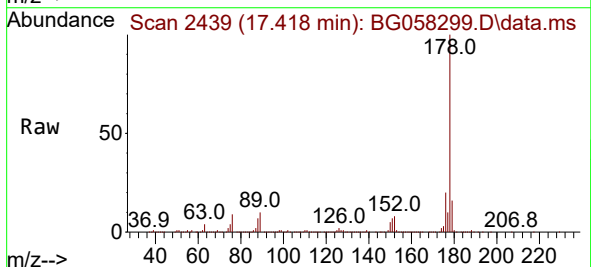
Instrument :
BNA_M
ClientSampleId :

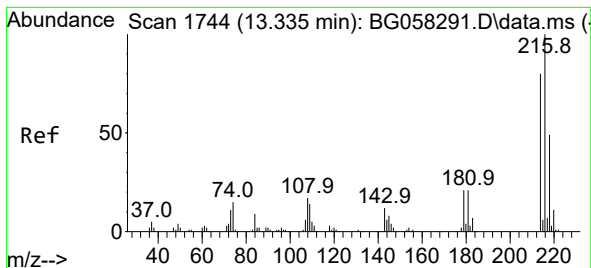
Tgt Ion:178 Resp: 626322
Ion Ratio Lower Upper
178 100
179 15.8 11.9 17.9
176 19.9 15.8 23.8



#74
Anthracene
Concen: 41.556 ng/ul
RT: 17.418 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:178 Resp: 574803
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.5 16.2 24.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 47.731 ng/uL

RT: 13.335 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

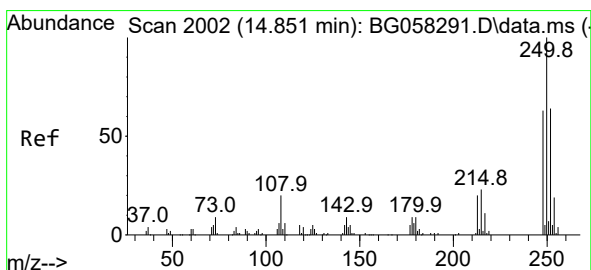
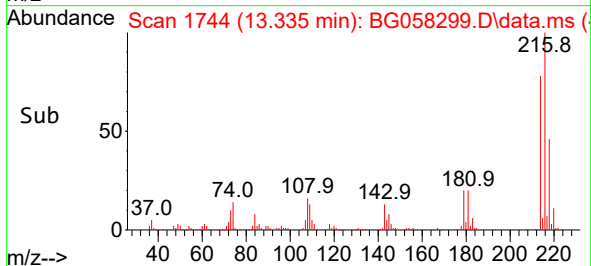
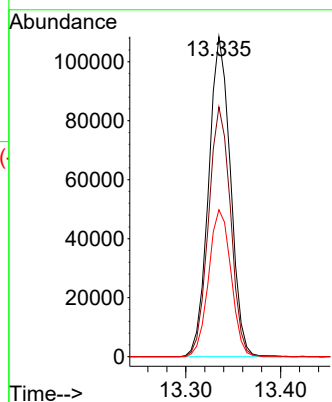
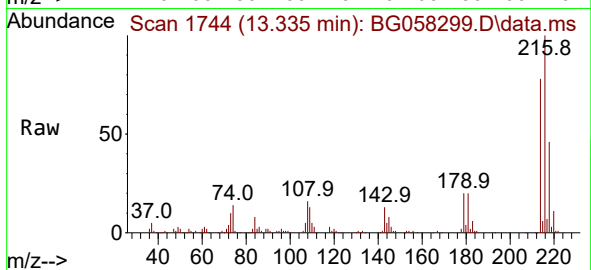
Tgt Ion:216 Resp: 173580

Ion Ratio Lower Upper

216 100

214 78.1 62.2 93.4

218 45.9 40.9 61.3



#76

Pentachlorobenzene

Concen: 103.634 ng/uL

RT: 14.857 min Scan# 2003

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

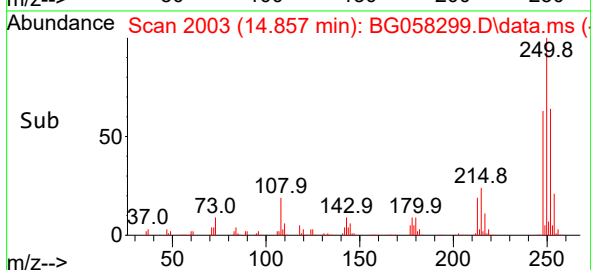
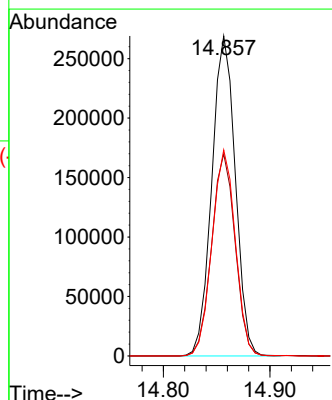
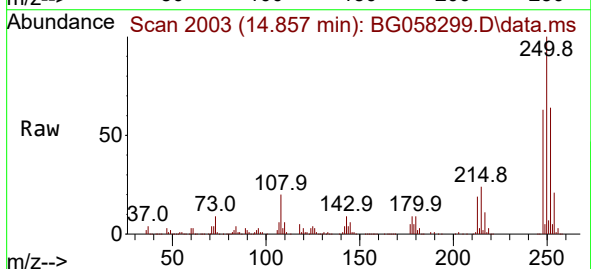
Tgt Ion:250 Resp: 412137

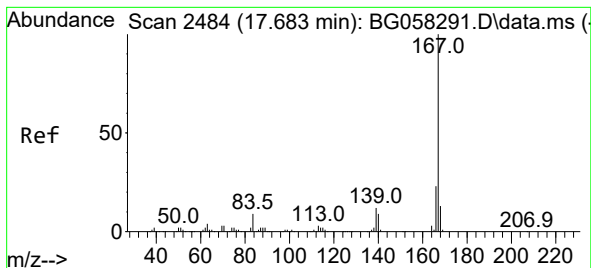
Ion Ratio Lower Upper

250 100

248 63.2 51.6 77.4

252 64.4 54.4 81.6





#77

Carbazole

Concen: 45.515 ng/ul

RT: 17.683 min Scan# 2484

Delta R.T. 0.001 min

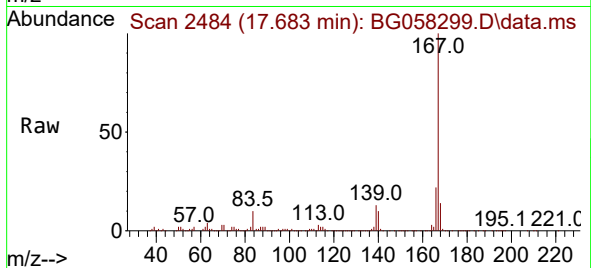
Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :



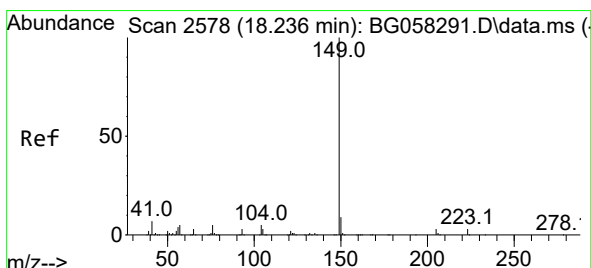
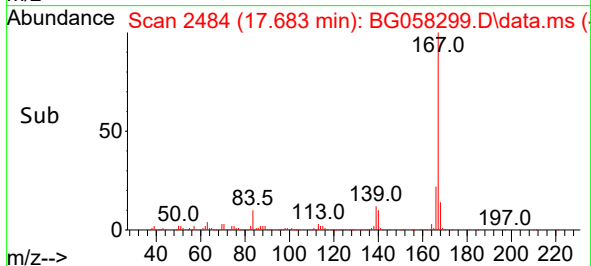
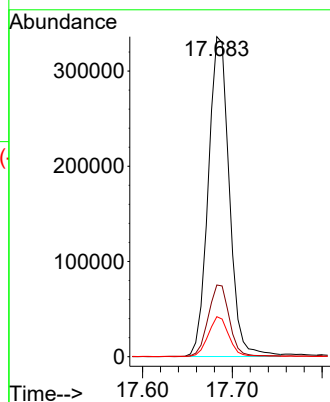
Tgt Ion:167 Resp: 545729

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.8

139 12.5 9.4 14.0



#78

Di-n-butylphthalate

Concen: 45.603 ng/ul

RT: 18.235 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

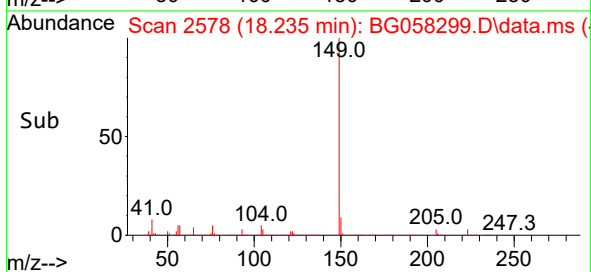
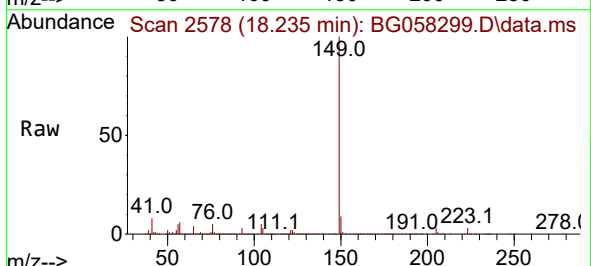
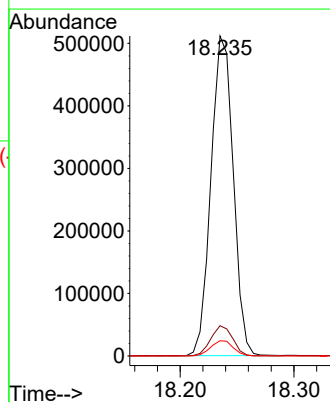
Tgt Ion:149 Resp: 694793

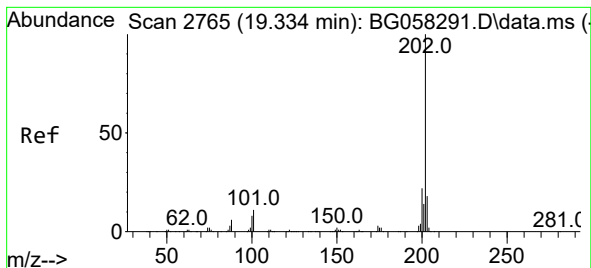
Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 4.7 3.9 5.9





#80

Fluoranthene

Concen: 46.459 ng/ul

RT: 19.334 min Scan# 2765

Delta R.T. 0.001 min

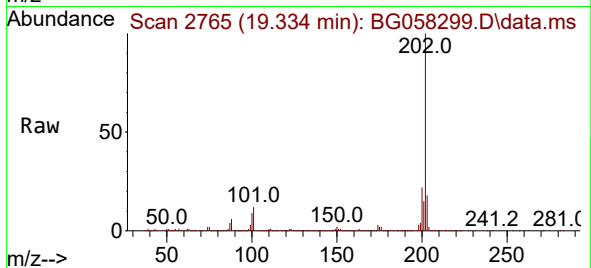
Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :



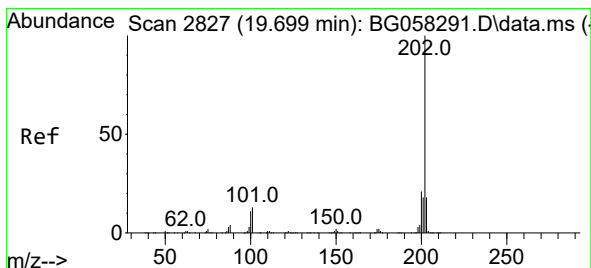
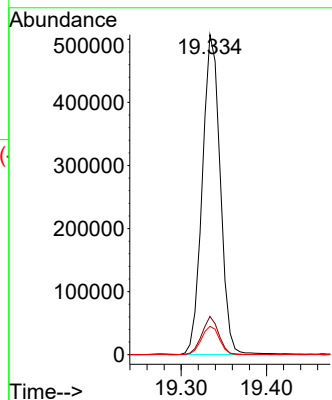
Tgt Ion:202 Resp: 738618

Ion Ratio Lower Upper

202 100

101 11.9 8.6 12.8

100 8.8 7.2 10.8



#82

Pyrene

Concen: 46.042 ng/ul

RT: 19.698 min Scan# 2827

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

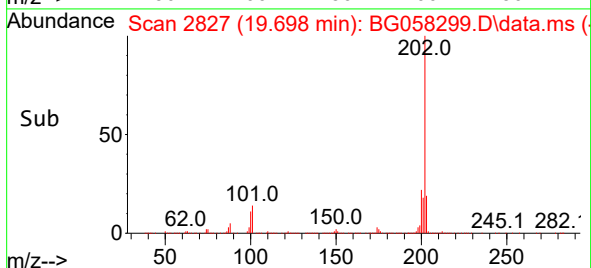
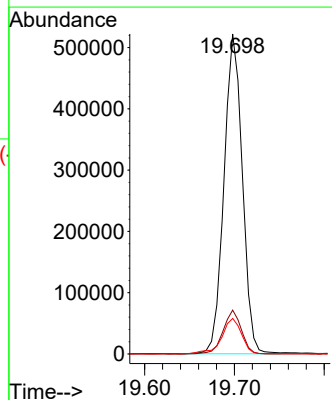
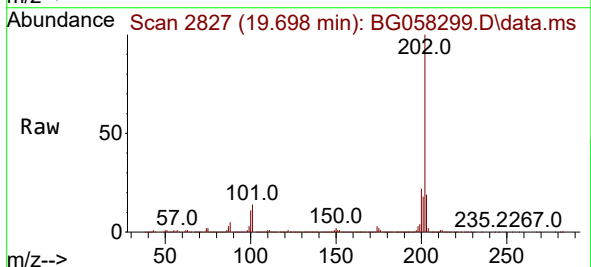
Tgt Ion:202 Resp: 741686

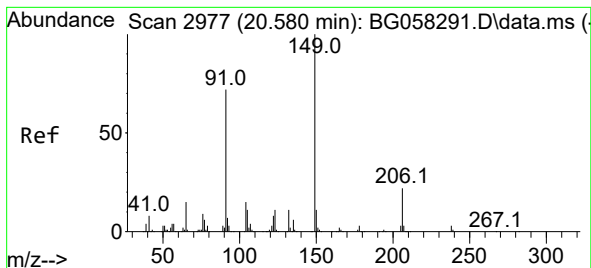
Ion Ratio Lower Upper

202 100

101 13.7 10.2 15.2

100 11.1 8.9 13.3





#83

Butylbenzylphthalate

Concen: 47.135 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058299.D

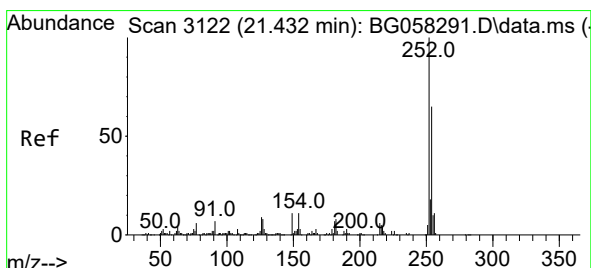
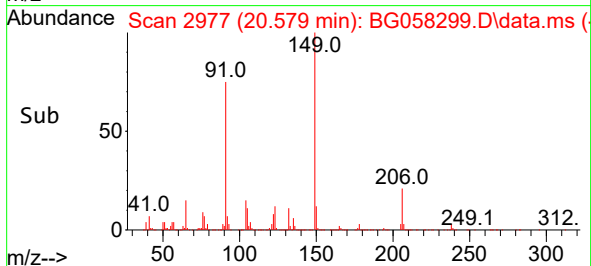
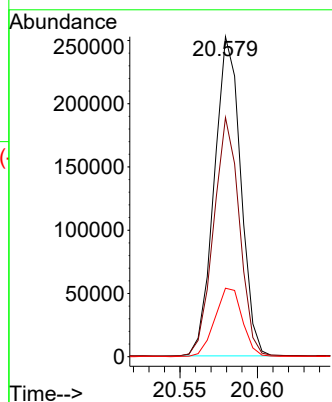
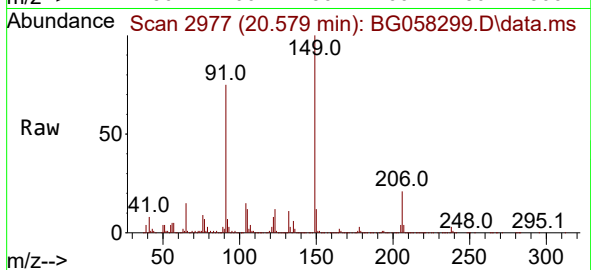
Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	149	Resp:	298989
Ion Ratio	Lower	Upper	
149	100		
91	74.8	59.9	89.9
206	21.4	16.9	25.3



#84

3,3'-Dichlorobenzidine

Concen: 41.179 ng/ul

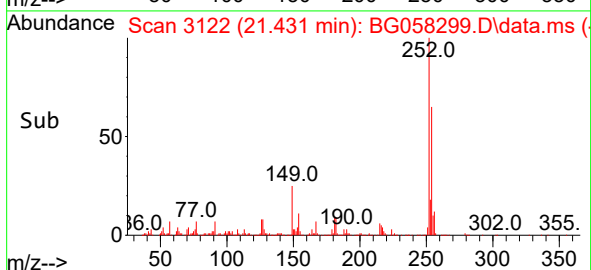
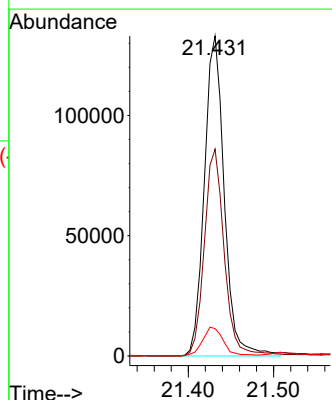
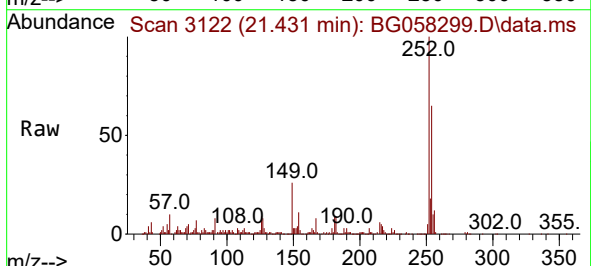
RT: 21.431 min Scan# 3122

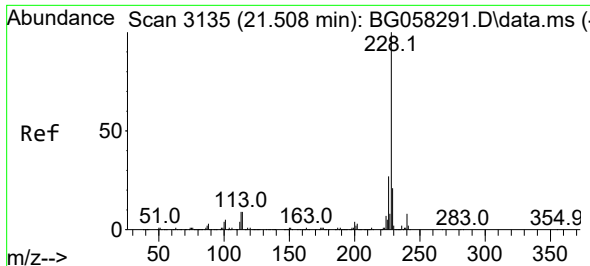
Delta R.T. 0.001 min

Lab File: BG058299.D

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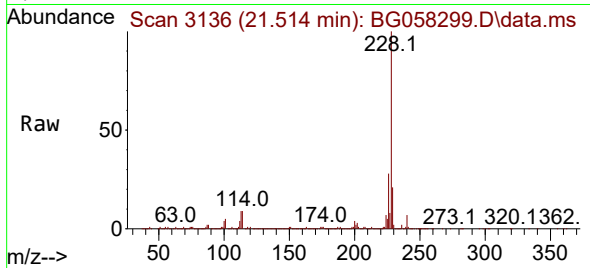
Tgt Ion:	252	Resp:	215985
Ion Ratio	Lower	Upper	
252	100		
254	64.7	50.5	75.7
126	8.6	6.5	9.7



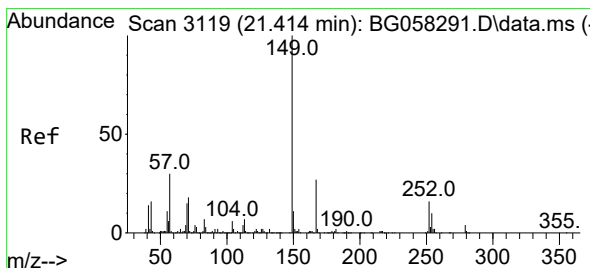
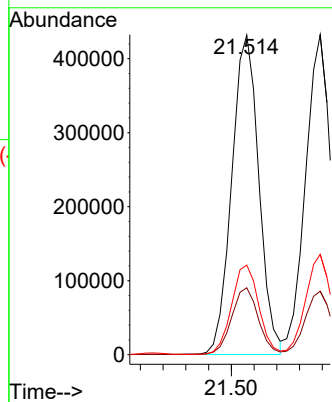
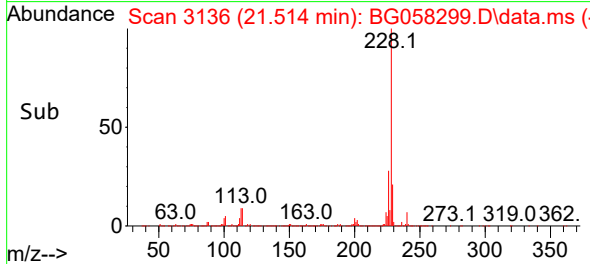


#85
Benzo(a)anthracene
Concen: 45.245 ng/ul
RT: 21.514 min Scan# 3135
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

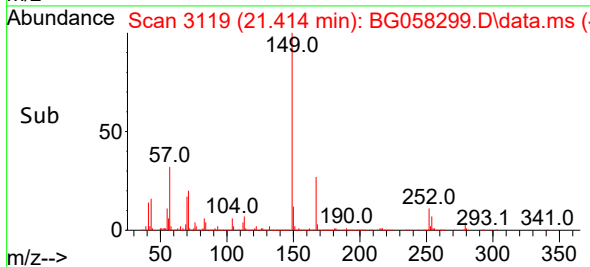
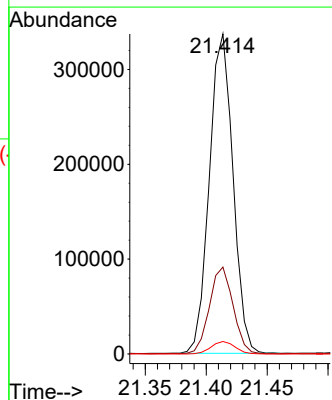
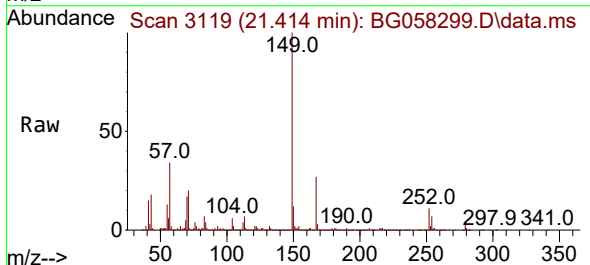


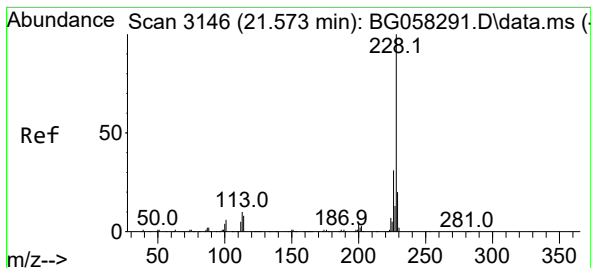
Tgt Ion:228 Resp: 714554
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.0 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 50.270 ng/ul
RT: 21.414 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:149 Resp: 453549
Ion Ratio Lower Upper
149 100
167 27.2 21.6 32.4
279 3.9 3.0 4.4





#87

Chrysene

Concen: 46.005 ng/ul

RT: 21.578 min Scan# 3146

Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Instrument :

BNA_M

ClientSampleId :

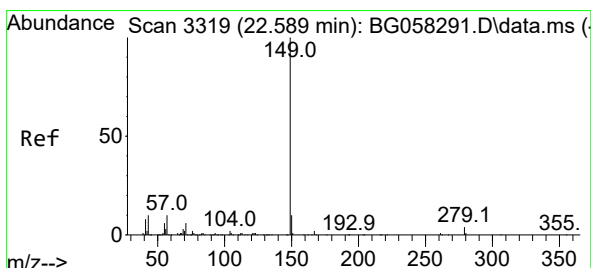
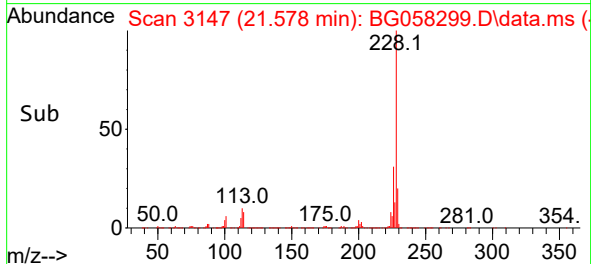
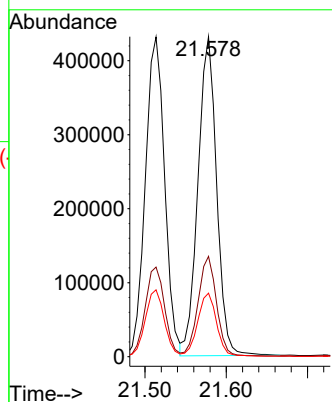
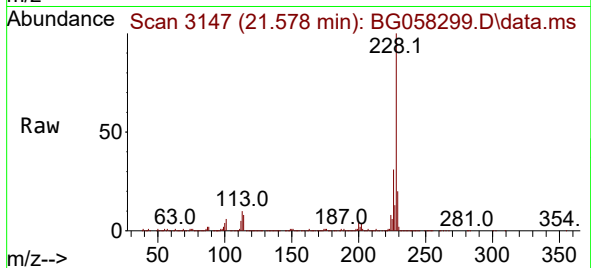
Tgt Ion:228 Resp: 689165

Ion Ratio Lower Upper

228 100

226 31.3 24.0 36.0

229 19.8 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 47.243 ng/ul

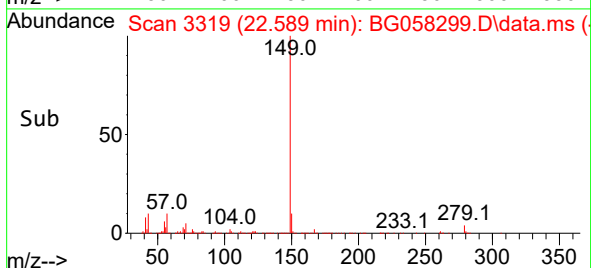
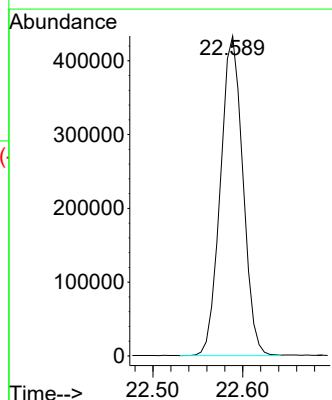
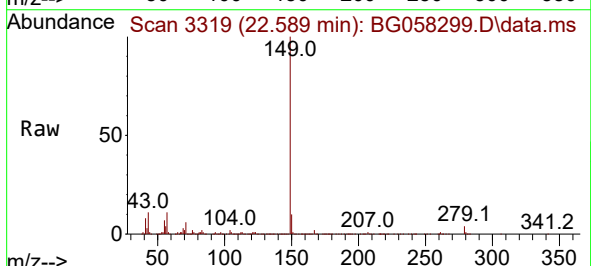
RT: 22.589 min Scan# 3319

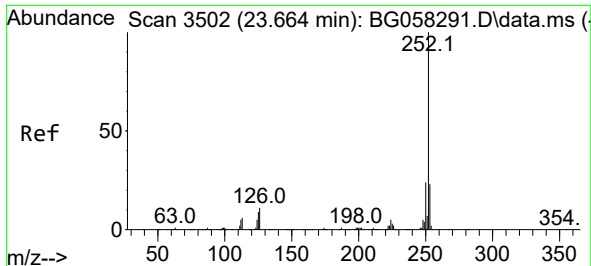
Delta R.T. 0.001 min

Lab File: BG058299.D

Acq: 18 Jul 2023 13:35

Tgt Ion:149 Resp: 751735

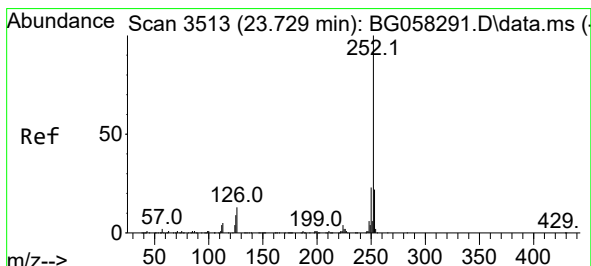
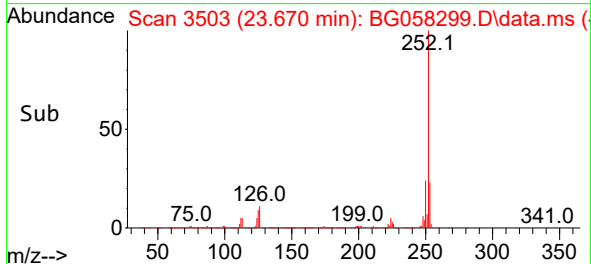
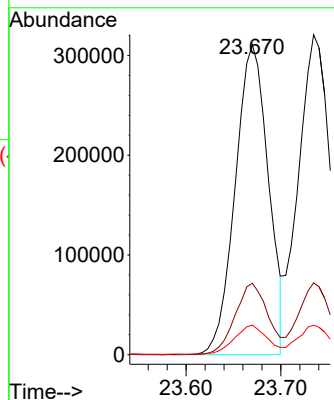
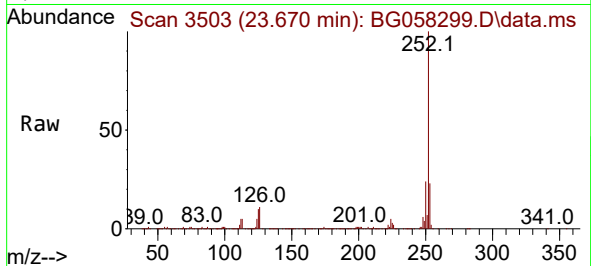




#90
Benzo(b)fluoranthene
Concen: 43.668 ng/ul
RT: 23.670 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

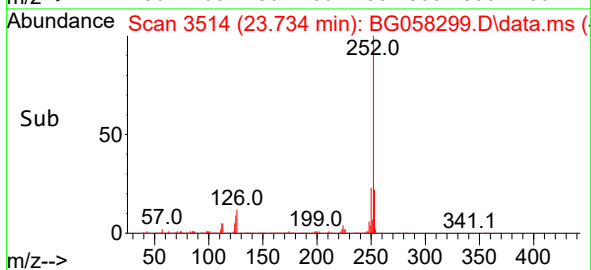
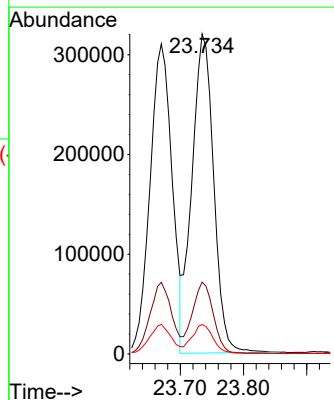
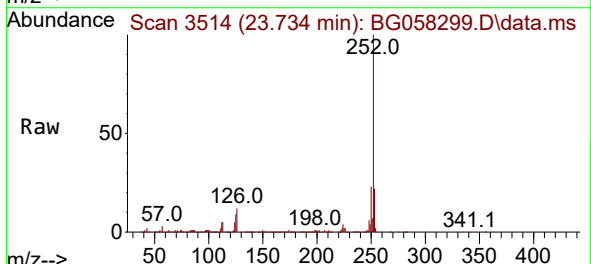
Instrument :
BNA_M
ClientSampleId :

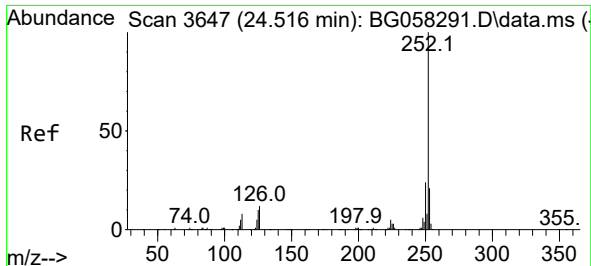
Tgt Ion:252 Resp: 755590
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.6 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 44.291 ng/ul
RT: 23.734 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

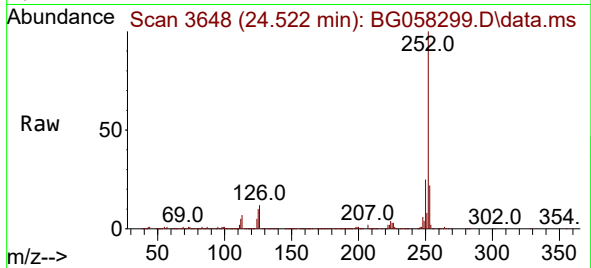
Tgt Ion:252 Resp: 764347
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.2 7.4 11.0



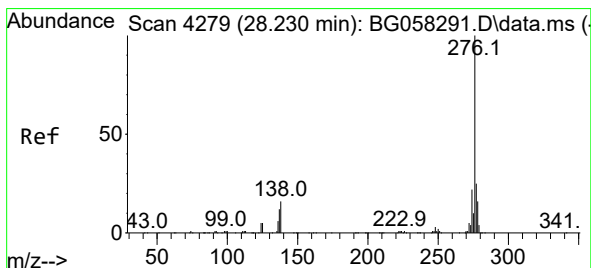
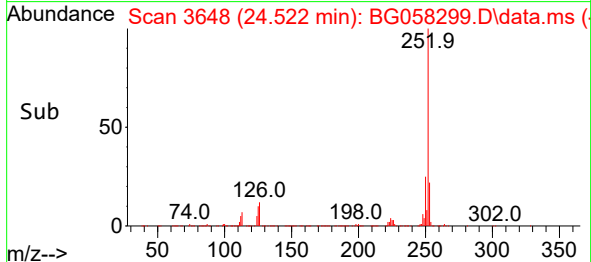
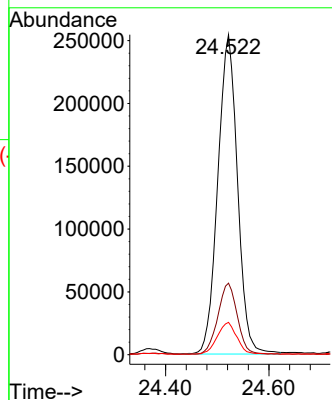


#93
Benzo(a)pyrene
Concen: 43.617 ng/ul
RT: 24.522 min Scan# 30
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

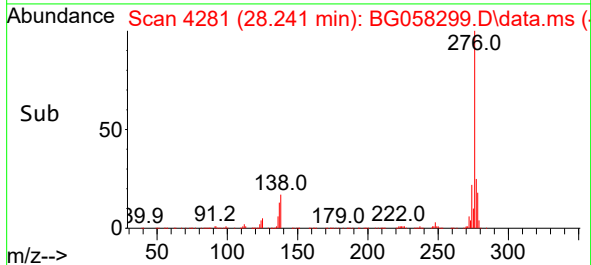
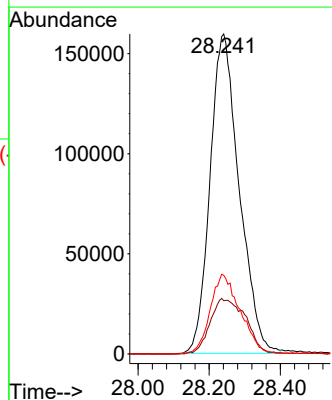
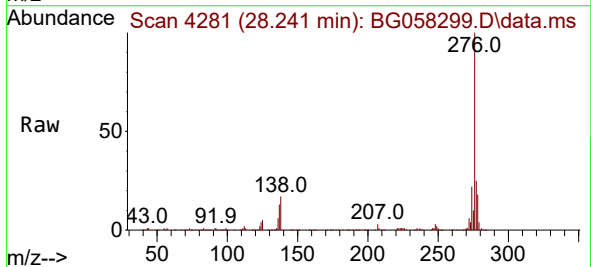


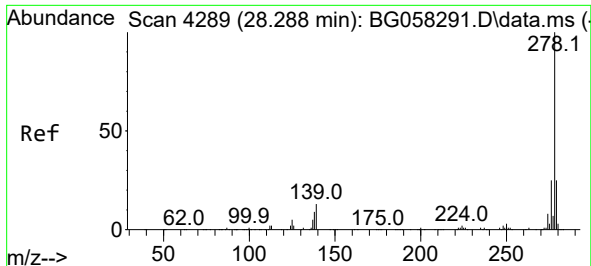
Tgt Ion:252 Resp: 671257
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.1 7.7 11.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 44.788 ng/ul
RT: 28.241 min Scan# 4281
Delta R.T. 0.013 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:276 Resp: 908164
Ion Ratio Lower Upper
276 100
138 16.7 13.8 20.6
277 24.6 19.2 28.8

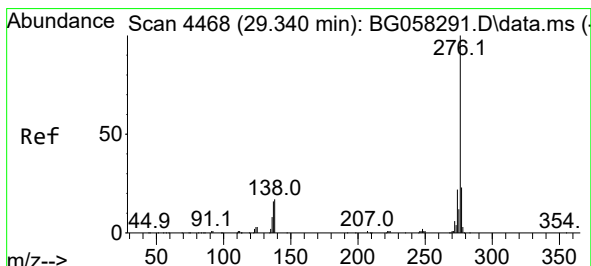
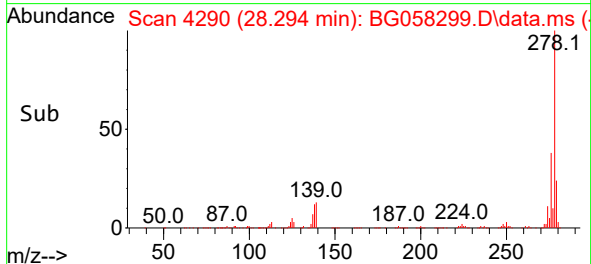
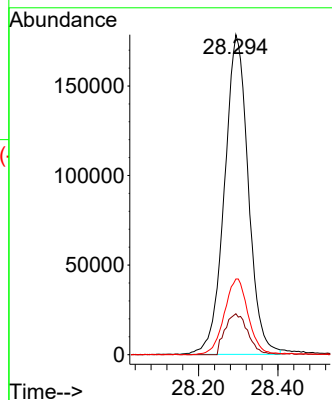
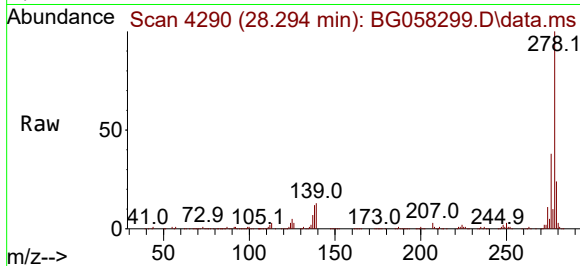




#95
Dibenzo(a,h)anthracene
Concen: 44.689 ng/ul
RT: 28.294 min Scan# 41
Delta R.T. 0.001 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 743059
Ion Ratio Lower Upper
278 100
139 12.8 10.4 15.6
279 23.7 18.4 27.6



#96
Benzo(g,h,i)perylene
Concen: 45.684 ng/ul
RT: 29.363 min Scan# 4472
Delta R.T. 0.013 min
Lab File: BG058299.D
Acq: 18 Jul 2023 13:35

Tgt Ion:276 Resp: 754726
Ion Ratio Lower Upper
276 100
138 17.5 13.5 20.3
277 24.0 19.4 29.2

