

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
 Data File : BG058297.D
 Acq On : 18 Jul 2023 12:12
 Operator : CG/JU
 Sample : 03458-23MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 19 04:14:48 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	7.896	152	41135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	187293	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	138170	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.279	188	334250	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	278343	20.000	ng/ul	0.00
88) Perylene-d12	24.665	264	337120	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	2440	2.183	ng/uL	0.00
4) Pyridine-d5	3.748	84	32865	9.907	ng/ul	0.00
7) Phenol-d5	7.062	99	41820	10.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	36492	14.962	ng/ul	0.00
11) 2-Chlorophenol-d4	7.432	132	36849	13.490	ng/ul	0.00
15) 4-Methylphenol-d8	8.607	113	5454	1.832	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	21566	15.362	ng/ul	0.00
24) 2-Nitrophenol-d4	9.782	143	23177	15.122	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.323	165	35051	11.930	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	4738	1.112	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	162977	15.296	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	139548	12.498	ng/ul	0.00
54) 4-Nitrophenol-d4	14.735	143	20260	12.591	ng/ul	0.00
60) Fluorene-d10	15.529	176	144403	16.370	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	22867	13.428	ng/ul	0.00
73) Anthracene-d10	17.379	188	155017	10.733	ng/ul	0.00
81) Pyrene-d10	19.665	212	71647	4.358	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.448	264	24469	1.502	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.378	88	7971	6.288	ng/uL#	86
5) Pyridine	3.772	79	3997	1.141	ng/ul#	71
6) Benzaldehyde	7.039	77	39785	25.246	ng/ul	99
8) Phenol	7.091	94	48754	12.031	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.315	93	53655	17.283	ng/ul	98
12) 2-Chlorophenol	7.462	128	42595	14.897	ng/ul	99
13) 2-Methylphenol	8.337	108	5154	1.632	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.419	45	89602	17.612	ng/ul	99
16) Acetophenone	8.719	105	91880	18.126	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.695	70	51446	18.544	ng/ul	98
18) 4-Methylphenol	8.678	108	22173	6.460	ng/ul	83
19) Hexachloroethane	8.977	117	3625	3.216	ng/ul	84
22) Nitrobenzene	9.101	77	64204	17.149	ng/ul	99
23) Isophorone	9.618	82	138272	16.474	ng/ul	99
25) 2-Nitrophenol	9.812	139	29964	18.303	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.105	93	76966	17.314	ng/ul	97
29) 2,4-Dichlorophenol	10.352	162	38126	13.672	ng/ul	94
30) Naphthalene	10.752	128	160435	16.026	ng/ul	99
32) 4-Chloroaniline	10.869	127	5894	1.354	ng/ul#	83
33) Hexachlorobutadiene	11.028	225	32876	16.488	ng/ul	96
34) Caprolactam	11.610	113	18898	16.317	ng/ul	96
35) 4-Chloro-3-methylphenol	11.992	107	21666	6.105	ng/ul	90
36) 2-Methylnaphthalene	12.362	142	120769	18.006	ng/ul	100
37) 1-Methylnaphthalene	12.579	142	120438	17.521	ng/ul	100

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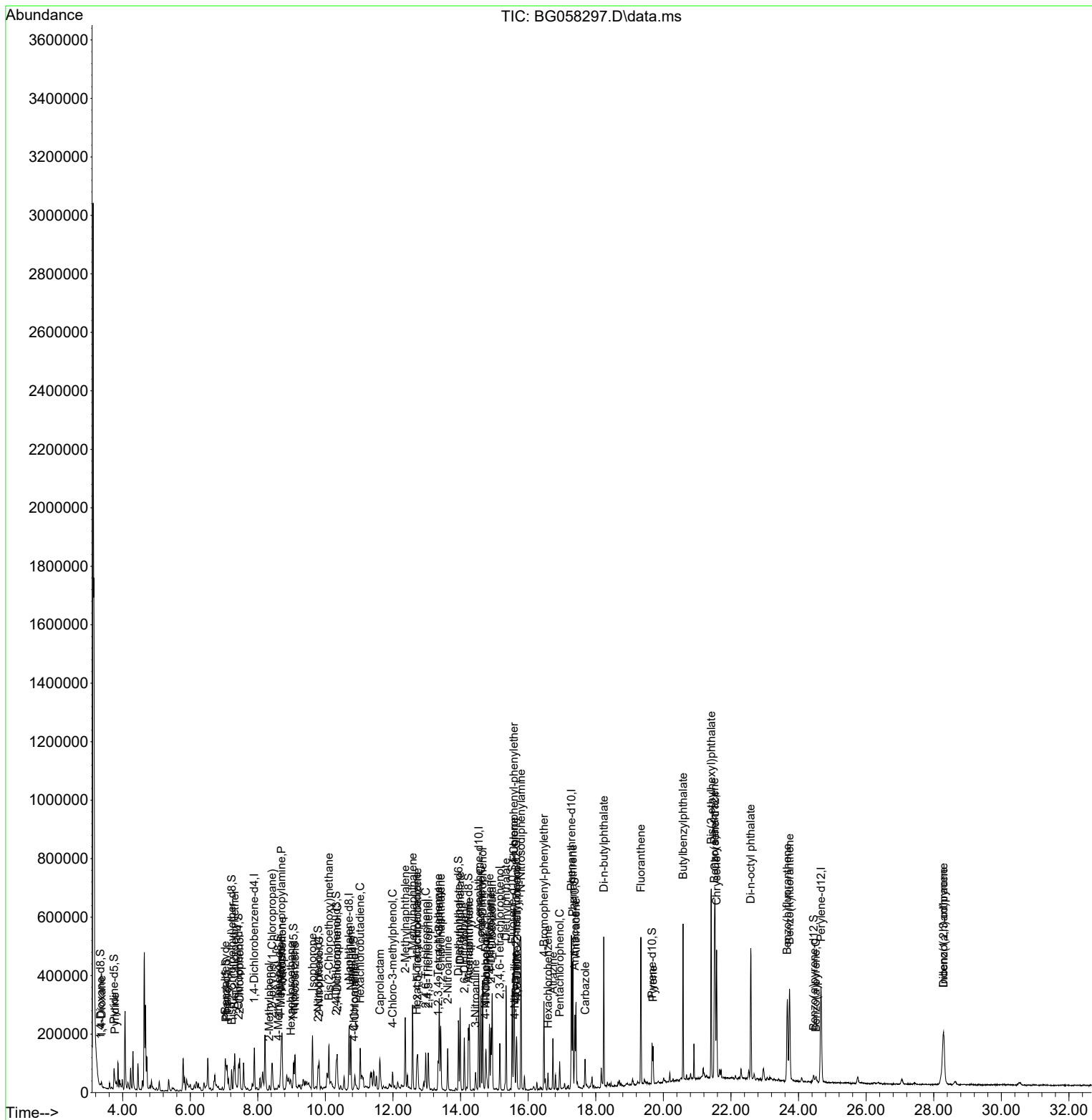
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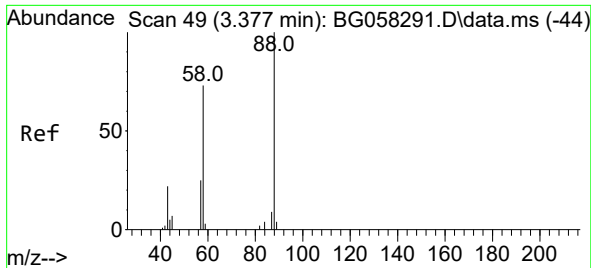
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.726	216	37057	9.265	ng/ul	96
40) Hexachlorocyclopentadiene	12.702	237	29792	13.849	ng/ul	94
41) 2,4,6-Trichlorophenol	12.967	196	32805	12.116	ng/ul	97
42) 2,4,5-Trichlorophenol	13.043	196	38281	13.259	ng/ul	98
43) 1,1'-Biphenyl	13.366	154	172607	18.474	ng/ul	98
44) 2-Chloronaphthalene	13.413	162	110221	14.838	ng/ul	98
45) 2-Nitroaniline	13.619	65	45930	17.800	ng/ul	96
47) Dimethylphthalate	13.989	163	193051	18.039	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	38168	18.456	ng/ul	96
50) Acenaphthylene	14.259	152	166695	13.831	ng/ul	99
51) 3-Nitroaniline	14.442	138	15278	8.865	ng/ul	94
52) Acenaphthene	14.600	153	133474	15.950	ng/ul	99
53) 2,4-Dinitrophenol	14.653	184	15897	14.443	ng/ul#	27
55) 4-Nitrophenol	14.753	109	20864	16.836	ng/ul	92
56) Dibenzofuran	14.935	168	219167	18.394	ng/ul	96
57) 2,4-Dinitrotoluene	14.900	165	55095	18.471	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.158	232	35515	13.314	ng/ul#	94
59) Diethylphthalate	15.346	149	201869	18.310	ng/ul	99
61) Fluorene	15.581	166	186457	19.082	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.576	204	97646	18.824	ng/ul	96
63) 4-Nitroaniline	15.605	138	18572	11.909	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.664	198	31317	17.875	ng/ul	99
67) N-Nitrosodiphenylamine	15.787	169	71237	8.598	ng/ul	100
68) 4-Bromophenyl-phenylether	16.469	248	65576	18.522	ng/ul	97
69) Hexachlorobenzene	16.586	284	12977	3.248	ng/ul	95
70) Atrazine	16.733	200	30727	9.459	ng/ul	92
71) Pentachlorophenol	16.933	266	18721	8.349	ng/ul	97
72) Phenanthrene	17.321	178	263896	16.614	ng/ul	98
74) Anthracene	17.415	178	189687	11.895	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.337	216	32241	7.690	ng/uL	96
76) Pentachlorobenzene	14.853	250	64020	13.964	ng/uL	98
77) Carbazole	17.685	167	65697	4.753	ng/ul	99
78) Di-n-butylphthalate	18.237	149	365995	20.837	ng/ul	99
80) Fluoranthene	19.336	202	318311	16.901	ng/ul	99
82) Pyrene	19.694	202	79367	4.159	ng/ul	98
83) Butylbenzylphthalate	20.581	149	161517	21.495	ng/ul	97
85) Benzo(a)anthracene	21.510	228	308169	16.472	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	264996	24.794	ng/ul	98
87) Chrysene	21.574	228	273377	15.405	ng/ul	99
89) Di-n-octyl phthalate	22.585	149	387130	21.583	ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	281349	14.424	ng/ul	99
91) Benzo(k)fluoranthene	23.731	252	287922	14.800	ng/ul	98
93) Benzo(a)pyrene	24.512	252	21790	1.256	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	28.290	276	122893	5.376	ng/ul#	72
95) Dibenzo(a,h)anthracene	28.290	278	314454	16.776	ng/ul	98

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

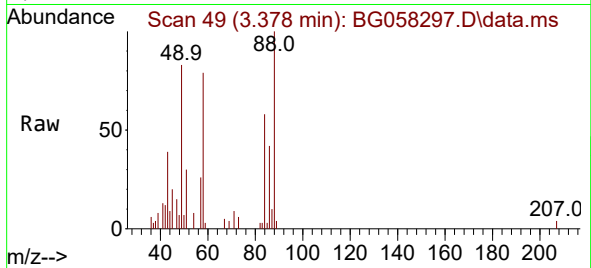
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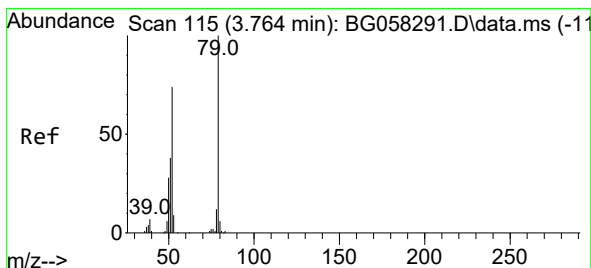
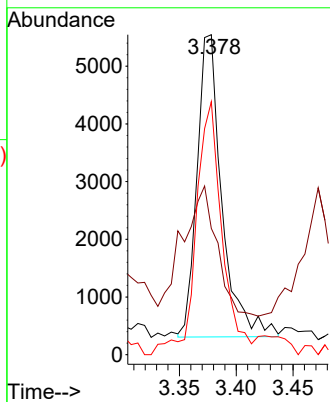
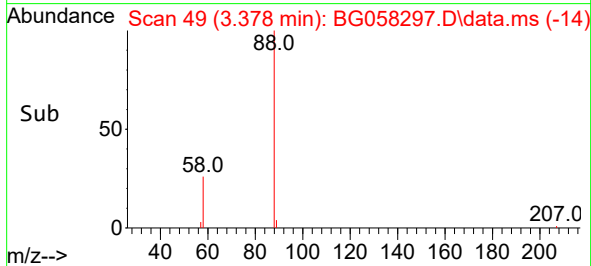


#2
1,4-Dioxane
Concen: 6.288 ng/uL
RT: 3.378 min Scan# 49
Delta R.T. 0.003 min
Lab File: BG058297.D
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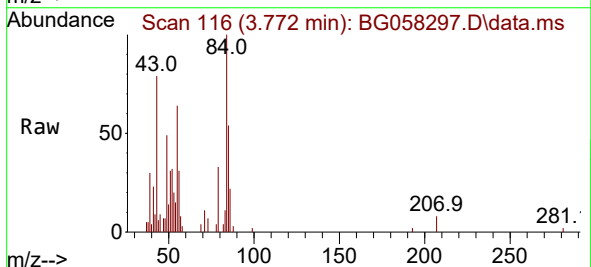
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BNA_M
ClientSampleId :



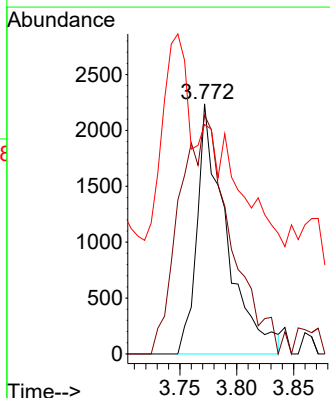
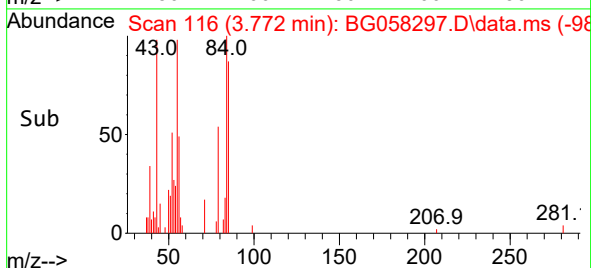
Tgt Ion: 88 Resp: 7971
Ion Ratio Lower Upper
88 100
43 39.4 19.6 29.4#
58 79.1 70.2 105.4

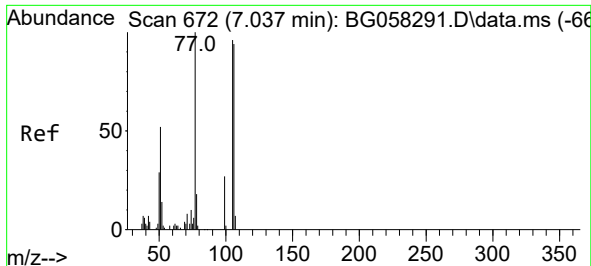


#5
Pyridine
Concen: 1.141 ng/uL
RT: 3.772 min Scan# 116
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12



Tgt Ion: 79 Resp: 3997
Ion Ratio Lower Upper
79 100
52 95.5 72.3 108.5
51 91.7 33.4 50.0#

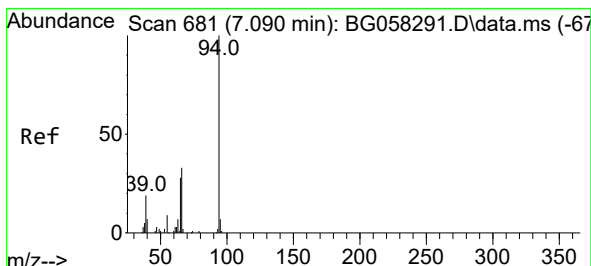
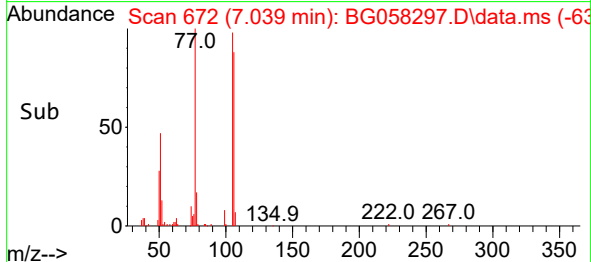
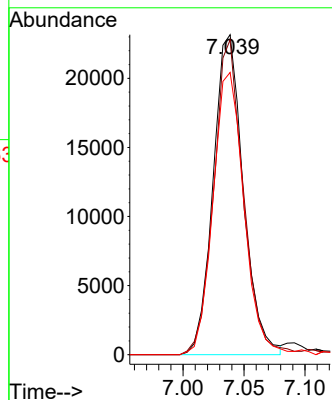
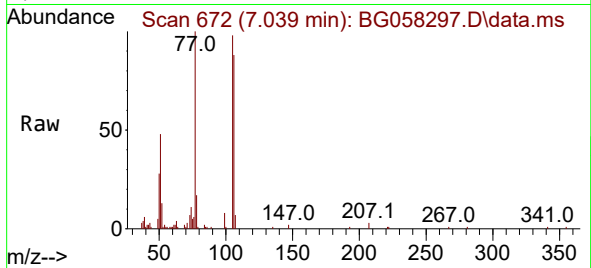




#6
Benzaldehyde
Concen: 25.246 ng/ul
RT: 7.039 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

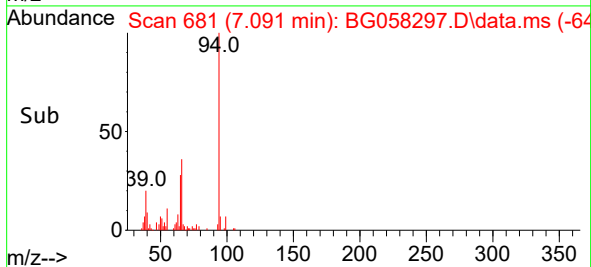
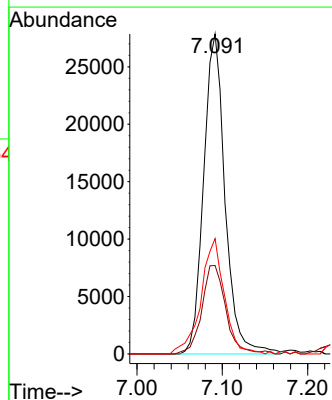
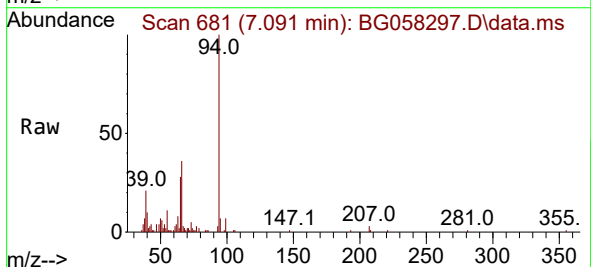
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ClientSampleId :

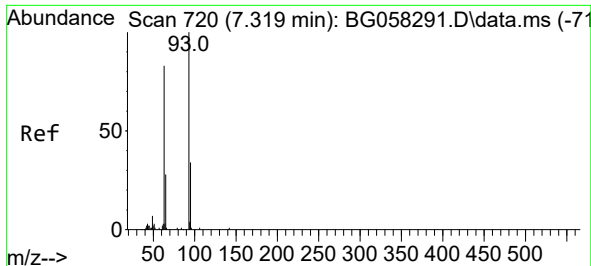
Tgt Ion: 77 Resp: 39785
Ion Ratio Lower Upper
77 100
105 98.4 78.2 117.4
106 88.2 71.6 107.4



#8
Phenol
Concen: 12.031 ng/ul
RT: 7.091 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

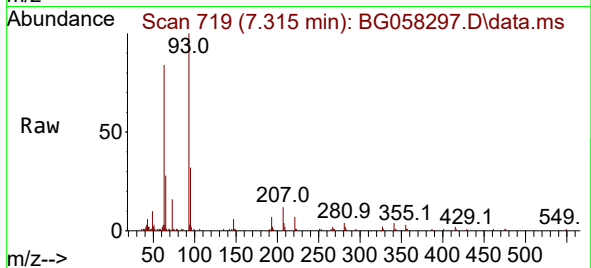
Tgt Ion: 94 Resp: 48754
Ion Ratio Lower Upper
94 100
65 27.6 23.8 35.8
66 36.1 31.2 46.8



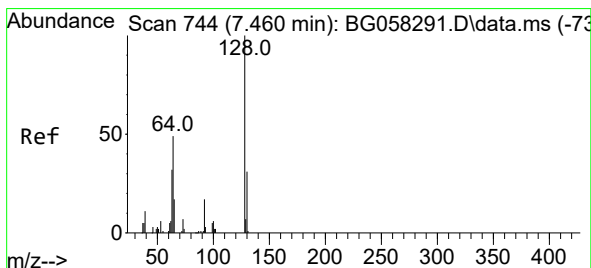
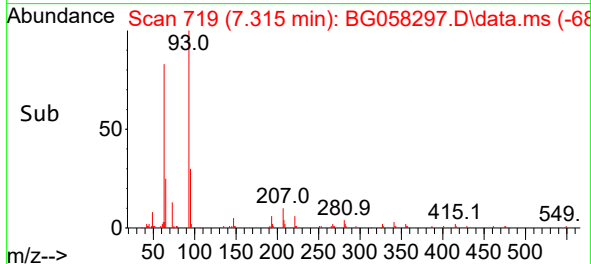
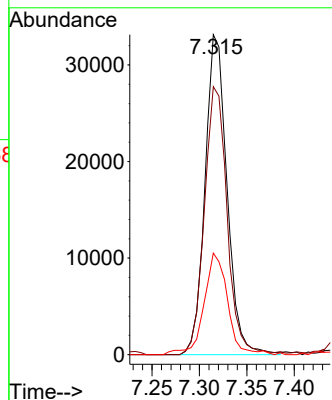


#10
Bis(2-Chloroethyl)ether
Concen: 17.283 ng/ul
RT: 7.315 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Instrument :
BNA_M
ClientSampleId :

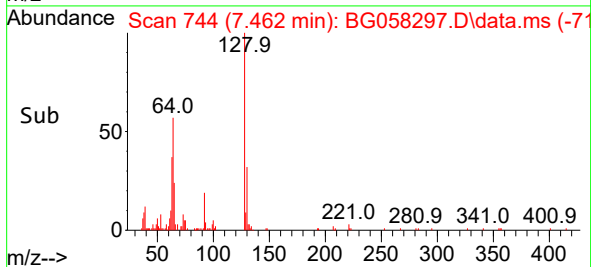
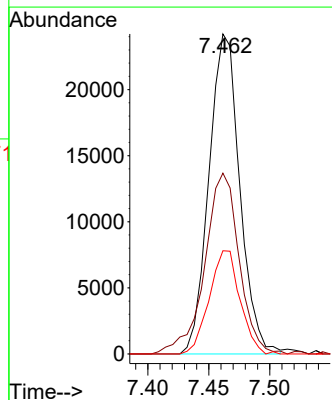
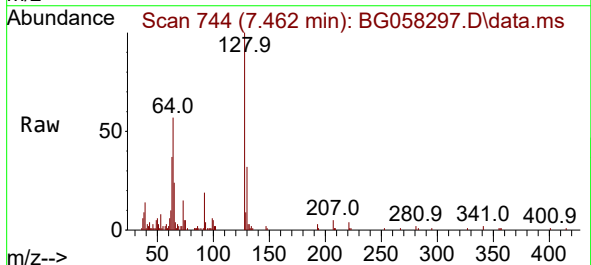


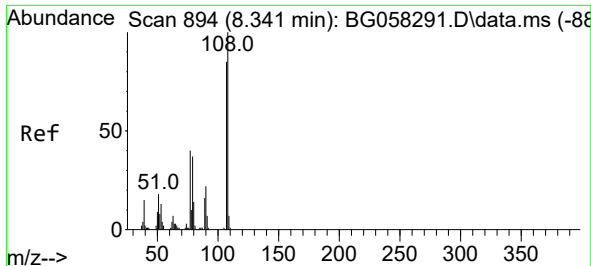
Tgt Ion: 93 Resp: 53655
Ion Ratio Lower Upper
93 100
63 83.8 67.7 101.5
95 31.8 27.0 40.6



#12
2-Chlorophenol
Concen: 14.897 ng/ul
RT: 7.462 min Scan# 744
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:128 Resp: 42595
Ion Ratio Lower Upper
128 100
64 56.5 45.6 68.4
130 32.3 25.2 37.8

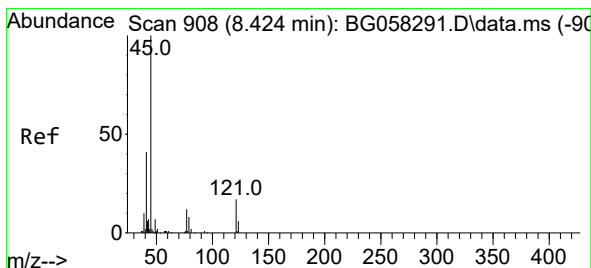
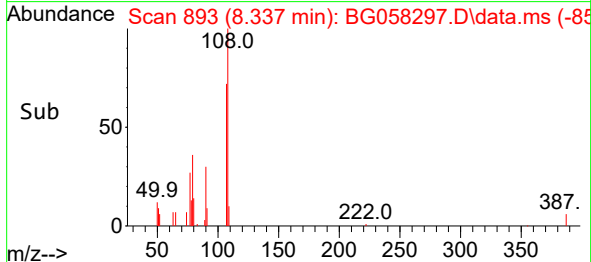
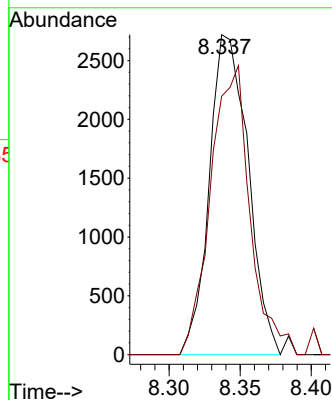
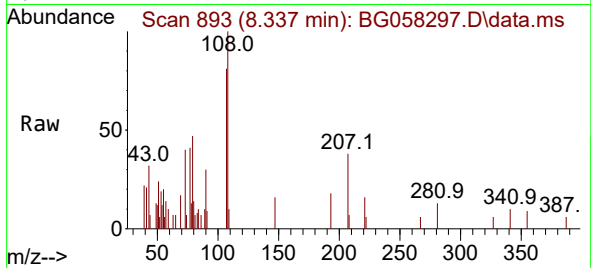




#13
2-Methylphenol
Concen: 1.632 ng/ul
RT: 8.337 min Scan# 894
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

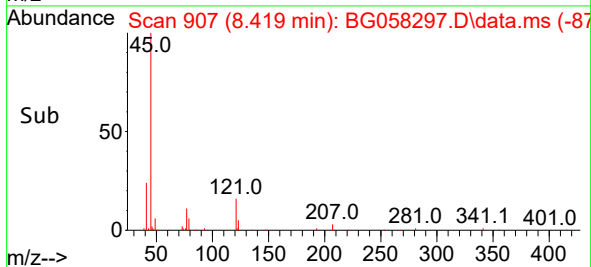
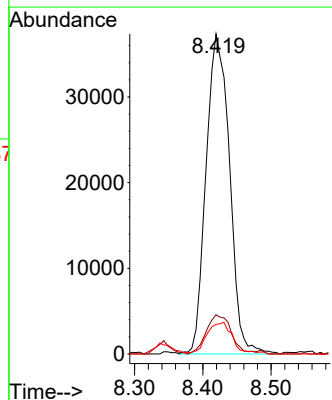
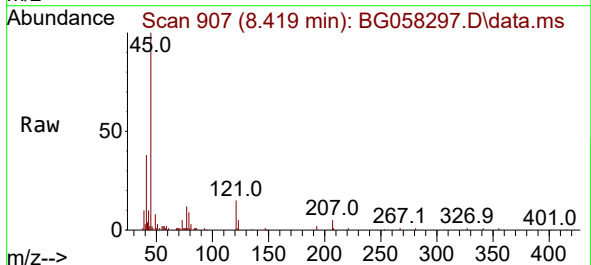
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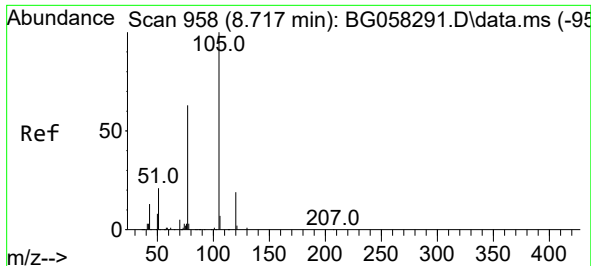
Tgt Ion:108 Resp: 5154
Ion Ratio Lower Upper
108 100
107 80.8 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.612 ng/ul
RT: 8.419 min Scan# 907
Delta R.T. -0.008 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion: 45 Resp: 89602
Ion Ratio Lower Upper
45 100
77 12.3 9.4 14.2
79 9.2 7.4 11.2

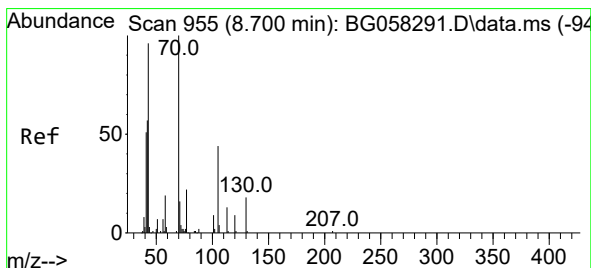
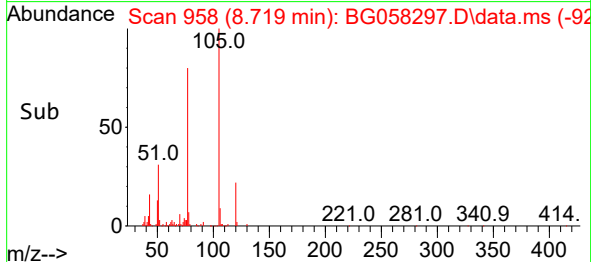
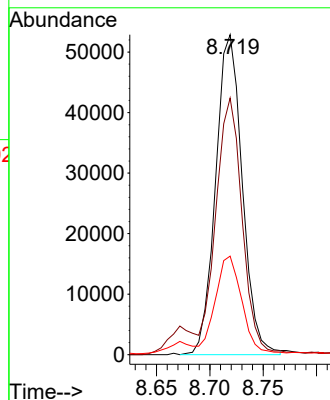
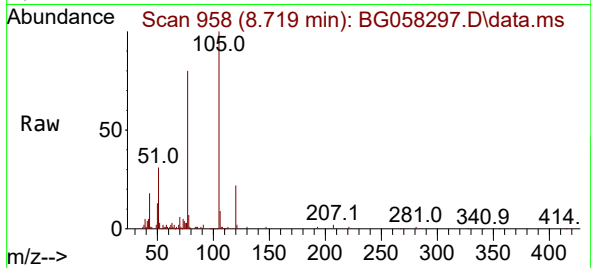




#16
Acetophenone
Concen: 18.126 ng/ul
RT: 8.719 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG058297.D
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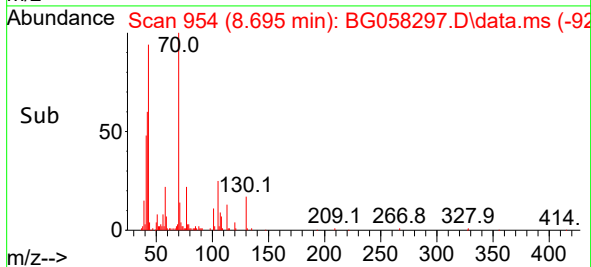
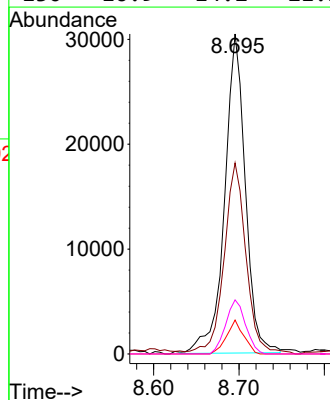
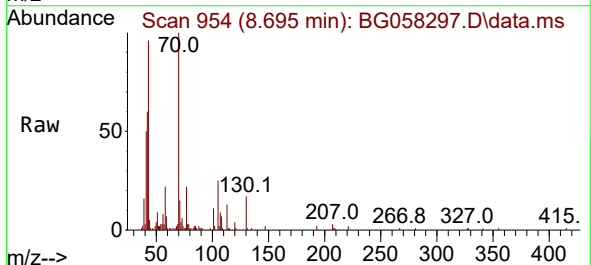
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ClientSampleId :

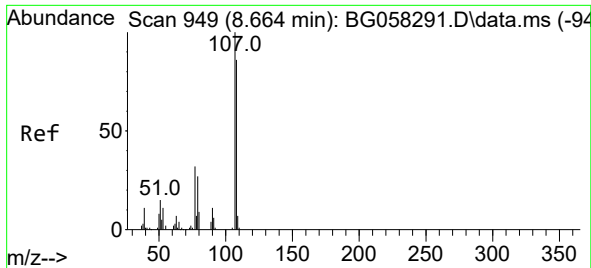
Tgt Ion:105 Resp: 91880
Ion Ratio Lower Upper
105 100
77 80.2 60.7 91.1
51 30.8 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 18.544 ng/ul
RT: 8.695 min Scan# 954
Delta R.T. -0.008 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion: 70 Resp: 51446
Ion Ratio Lower Upper
70 100
42 59.7 46.6 69.8
101 10.6 7.3 10.9
130 16.9 14.2 21.2

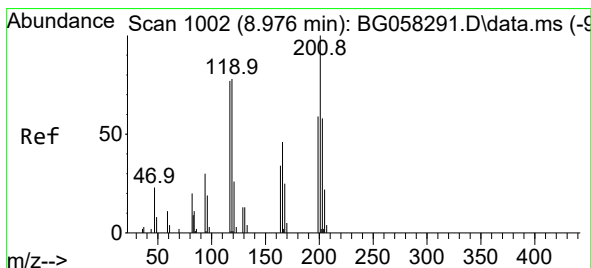
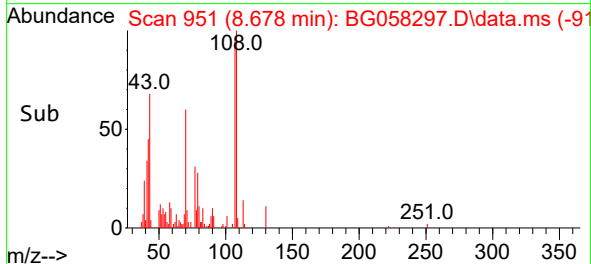
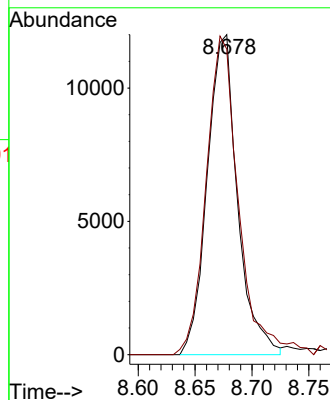
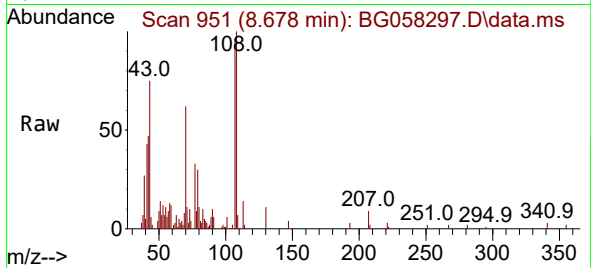




#18
4-Methylphenol
Concen: 6.460 ng/ul
RT: 8.678 min Scan# 91
Delta R.T. 0.009 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

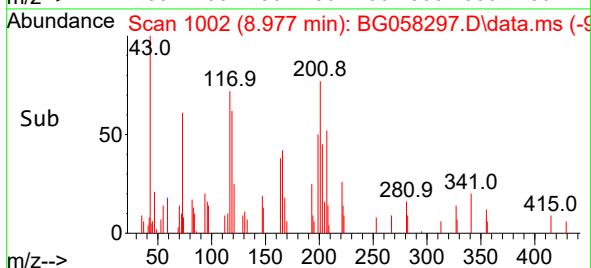
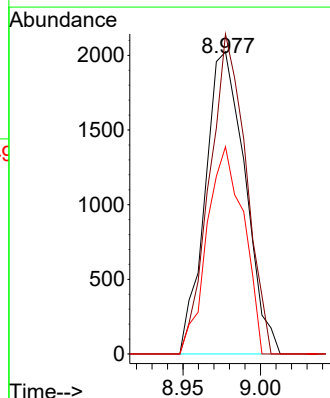
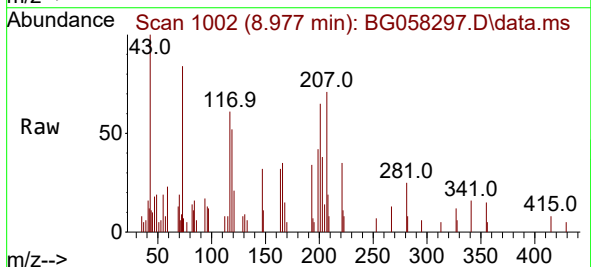
Instrument :
BNA_M
ClientSampleId :

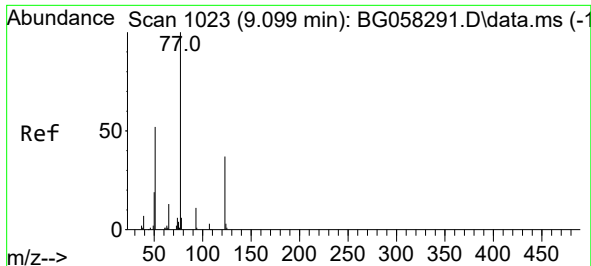
Tgt Ion:108 Resp: 22173
Ion Ratio Lower Upper
108 100
107 95.5 90.6 136.0



#19
Hexachloroethane
Concen: 3.216 ng/ul
RT: 8.977 min Scan# 1002
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

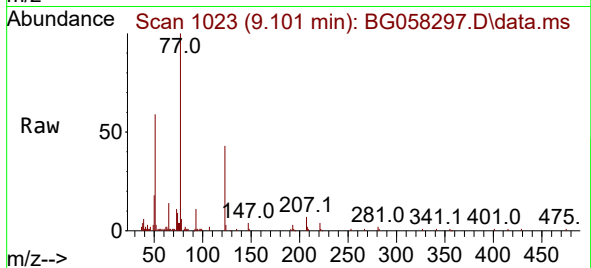
Tgt Ion:117 Resp: 3625
Ion Ratio Lower Upper
117 100
201 105.9 103.6 155.4
199 68.6 60.1 90.1



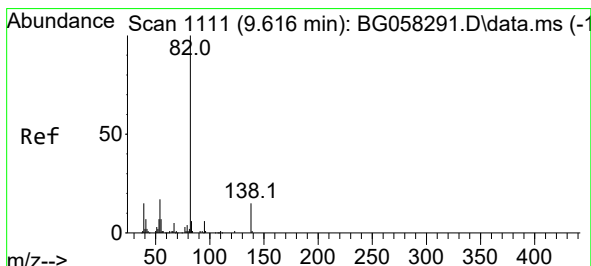
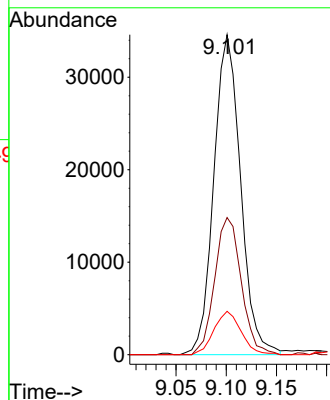
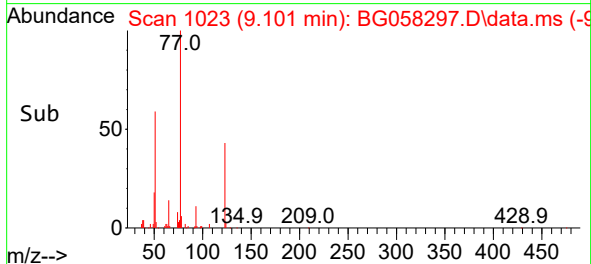


#22
Nitrobenzene
Concen: 17.149 ng/ul
RT: 9.101 min Scan# 1023
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Instrument :
BNA_M
ClientSampleId :

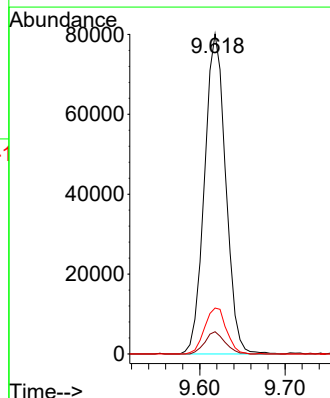
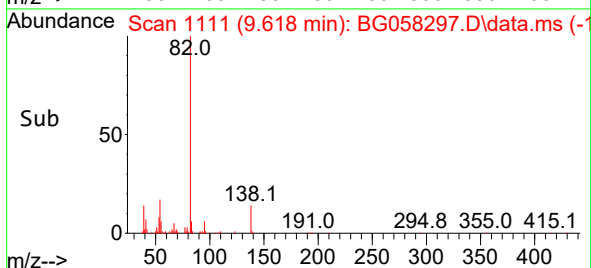
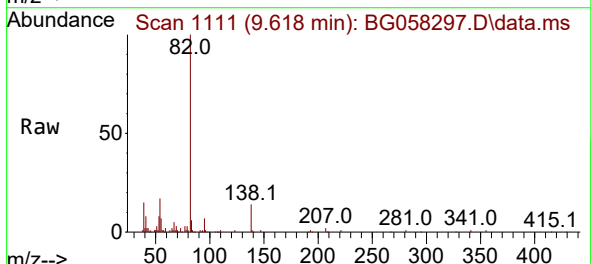


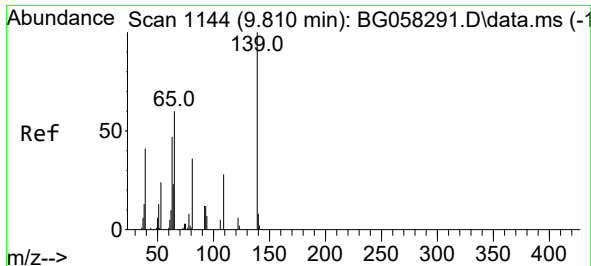
Tgt Ion: 77 Resp: 64204
Ion Ratio Lower Upper
77 100
123 42.8 34.0 51.0
65 13.6 11.0 16.6



#23
Isophorone
Concen: 16.474 ng/ul
RT: 9.618 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

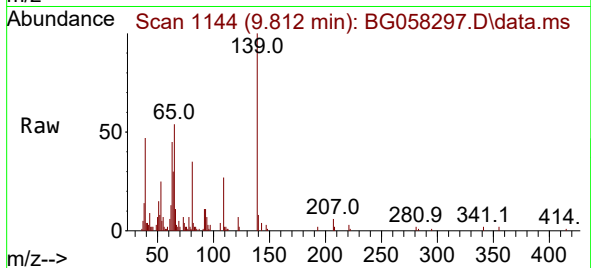
Tgt Ion: 82 Resp: 138272
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 14.4 11.9 17.9



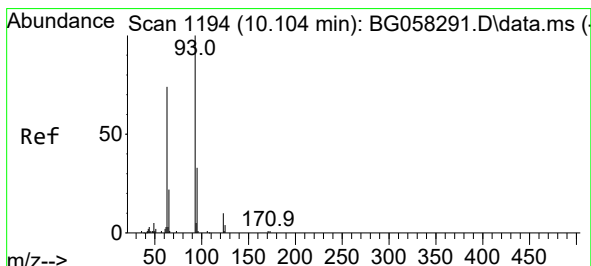
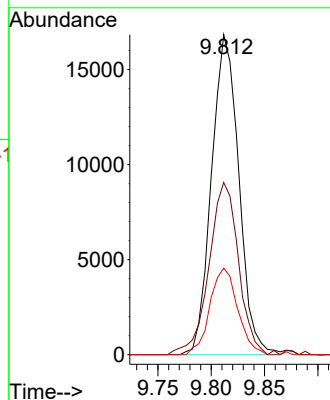
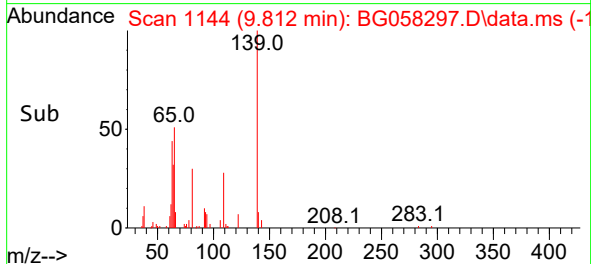


#25
2-Nitrophenol
Concen: 18.303 ng/ul
RT: 9.812 min Scan# 1144
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Instrument :
BNA_M
ClientSampleId :

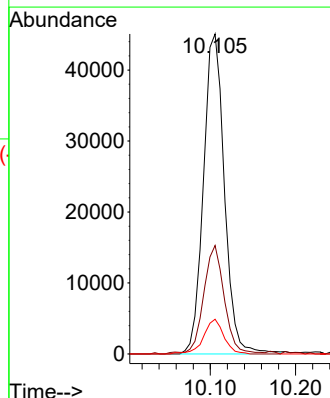
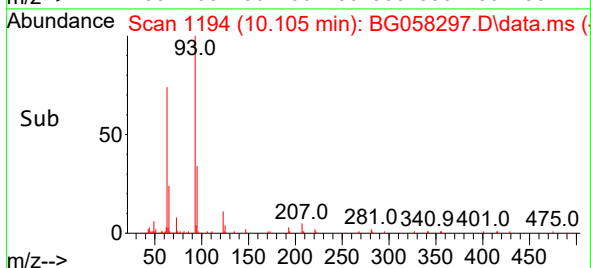
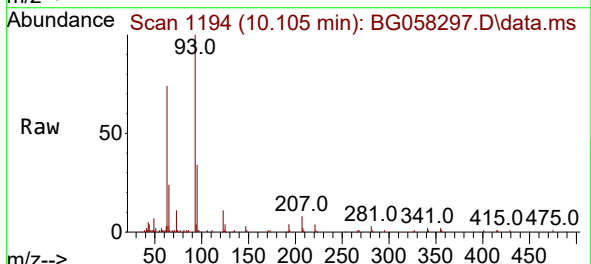


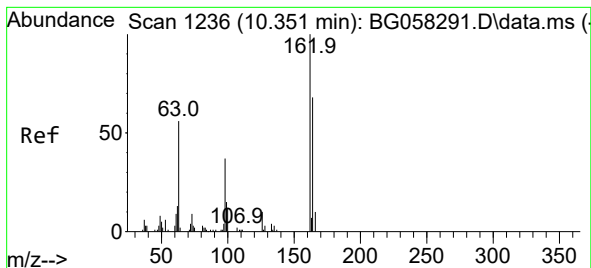
Tgt Ion:139 Resp: 29964
Ion Ratio Lower Upper
139 100
65 53.8 49.2 73.8
109 27.0 21.6 32.4



#27
Bis(2-Chloroethoxy)methane
Concen: 17.314 ng/ul
RT: 10.105 min Scan# 1194
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion: 93 Resp: 76966
Ion Ratio Lower Upper
93 100
95 33.9 25.8 38.8
123 10.8 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 13.672 ng/ul

RT: 10.352 min Scan# 1

Delta R.T. 0.003 min

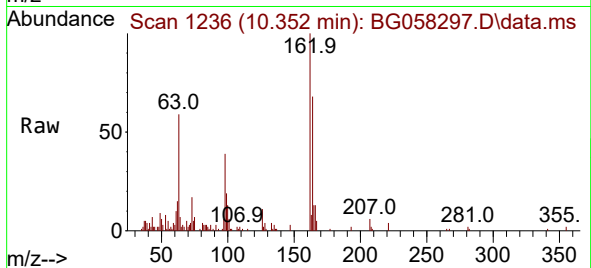
Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :



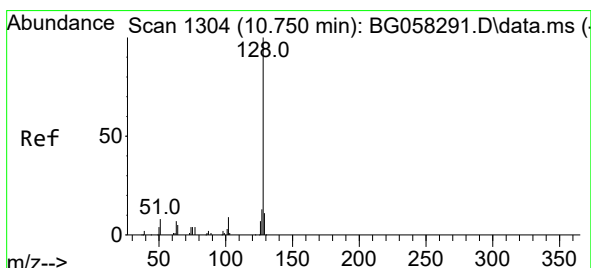
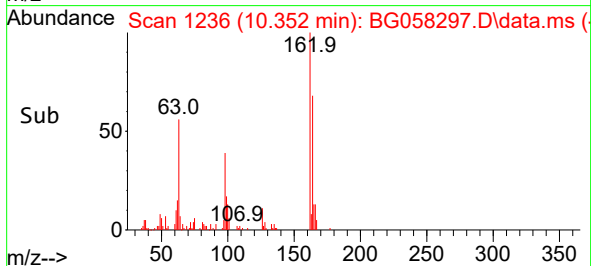
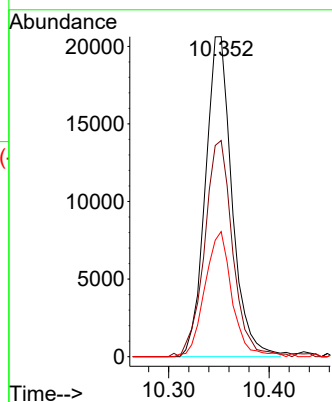
Tgt Ion:162 Resp: 38126

Ion Ratio Lower Upper

162 100

164 67.5 58.4 87.6

98 39.1 29.6 44.4



#30

Naphthalene

Concen: 16.026 ng/ul

RT: 10.752 min Scan# 1304

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

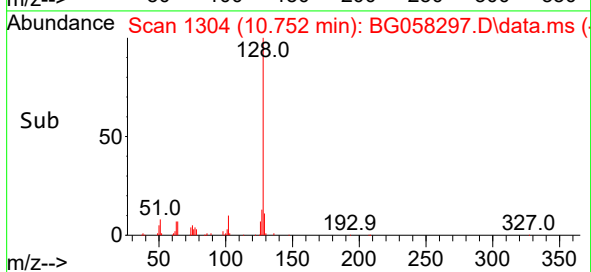
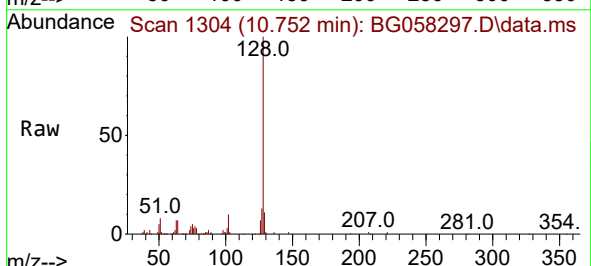
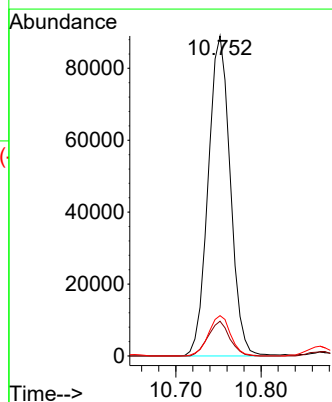
Tgt Ion:128 Resp: 160435

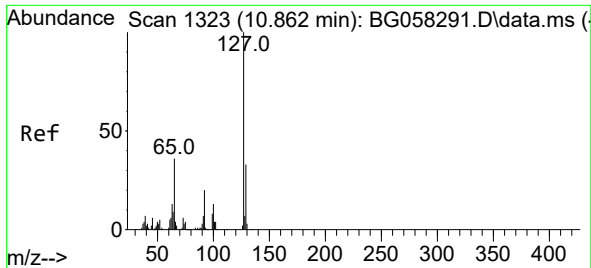
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 12.6 10.8 16.2

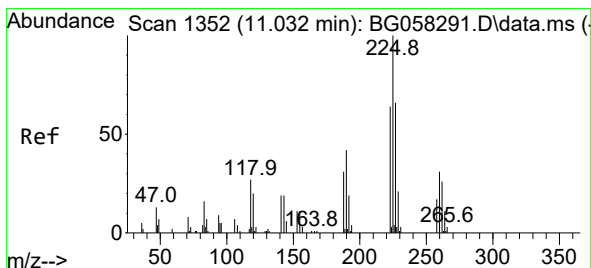
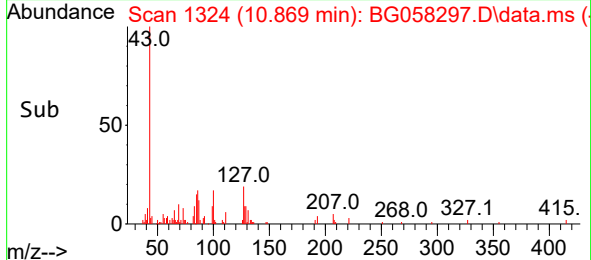
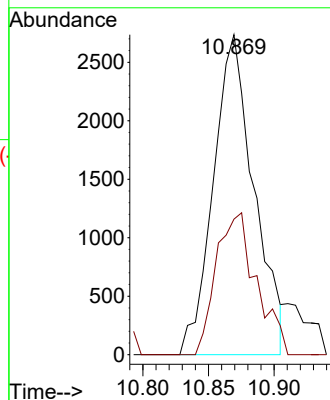
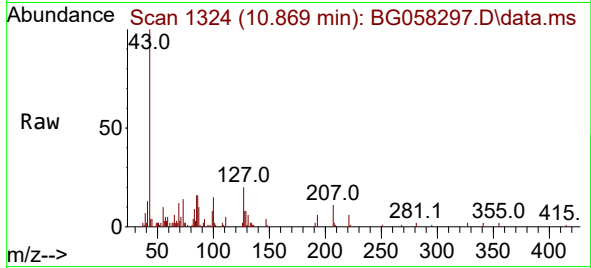




#32
4-Chloroaniline
Concen: 1.354 ng/ul
RT: 10.869 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

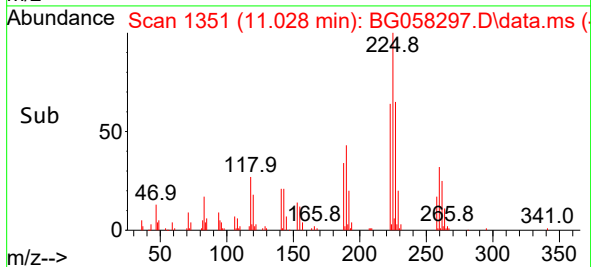
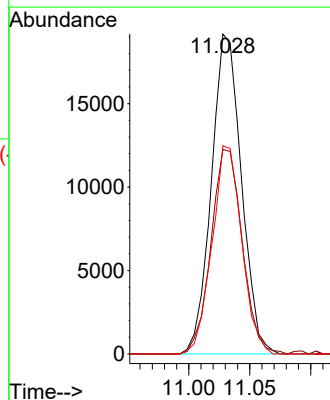
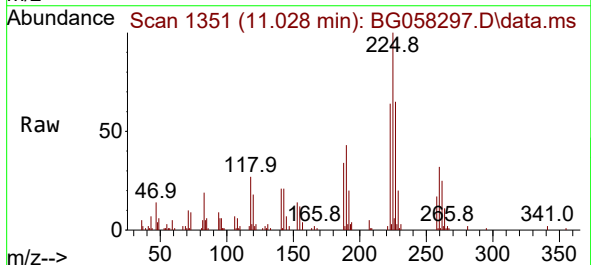
Instrument :
BNA_M
ClientSampleId :

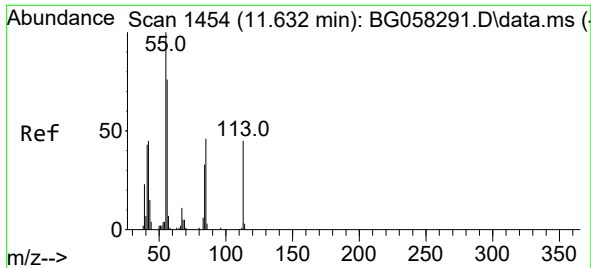
Tgt Ion:127 Resp: 5894
Ion Ratio Lower Upper
127 100
129 42.4 26.1 39.1#



#33
Hexachlorobutadiene
Concen: 16.488 ng/ul
RT: 11.028 min Scan# 1351
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:225 Resp: 32876
Ion Ratio Lower Upper
225 100
223 66.7 49.7 74.5
227 65.1 53.2 79.8

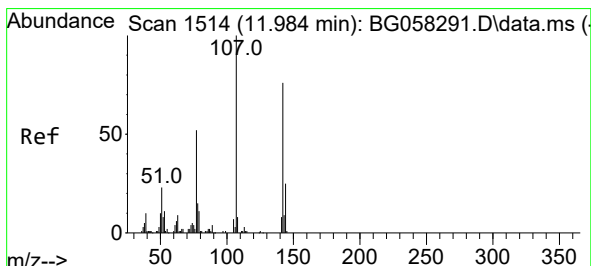
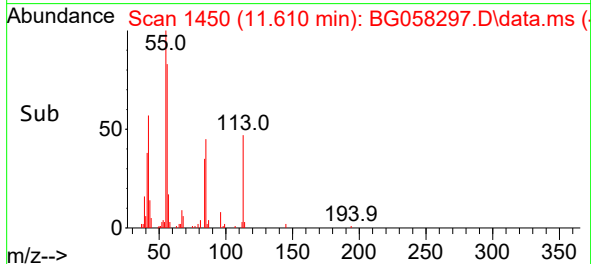
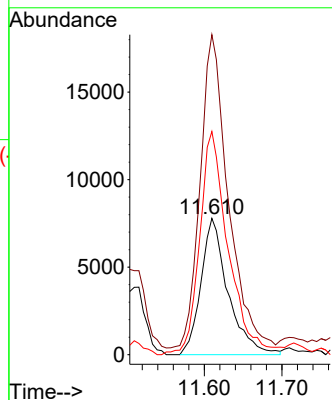
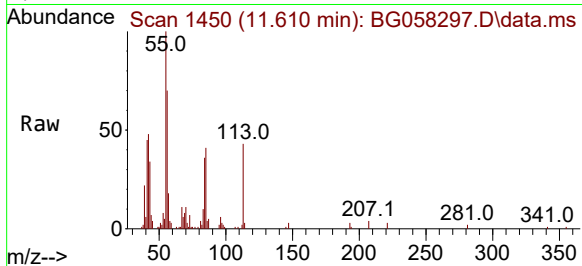




#34
Caprolactam
Concen: 16.317 ng/ul
RT: 11.610 min Scan# 1454
Delta R.T. -0.026 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

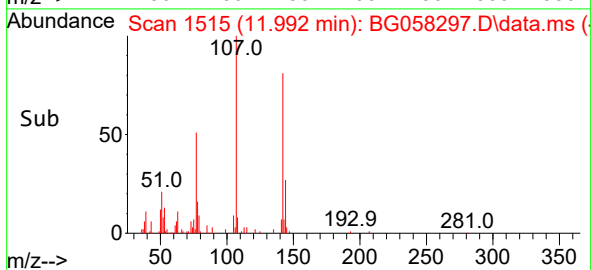
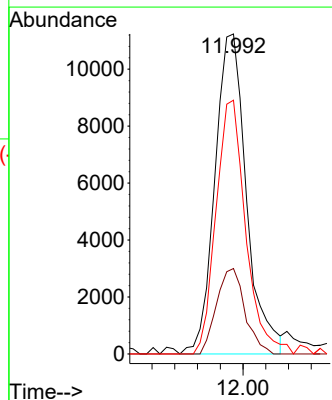
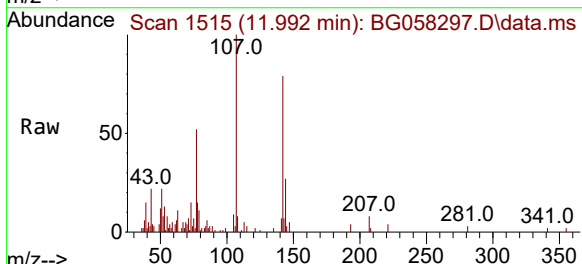
Instrument :
BNA_M
ClientSampleId :

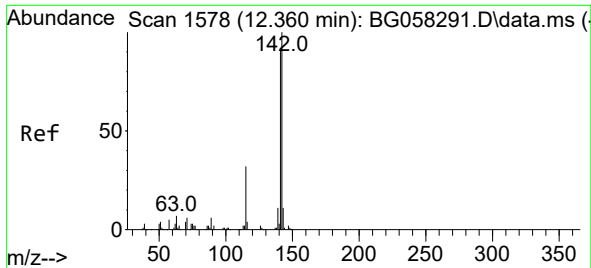
Tgt Ion	Ratio	Lower	Upper
113	100		
55	234.8	179.8	269.6
56	163.7	132.2	198.4



#35
4-Chloro-3-methylphenol
Concen: 6.105 ng/ul
RT: 11.992 min Scan# 1515
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.7	19.0	28.6
142	79.3	55.8	83.6

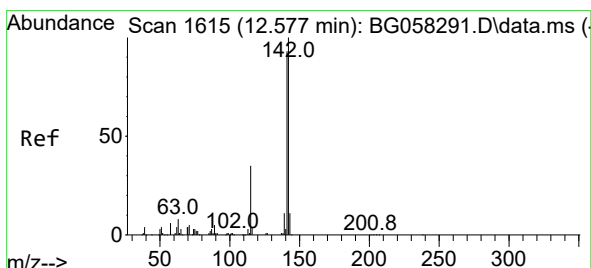
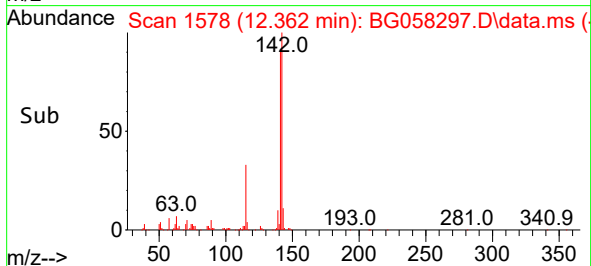
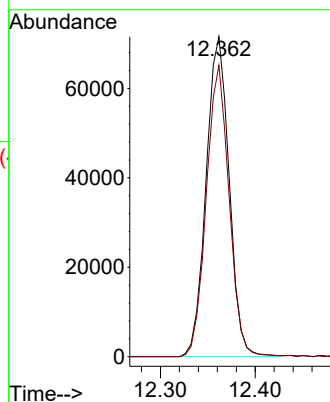
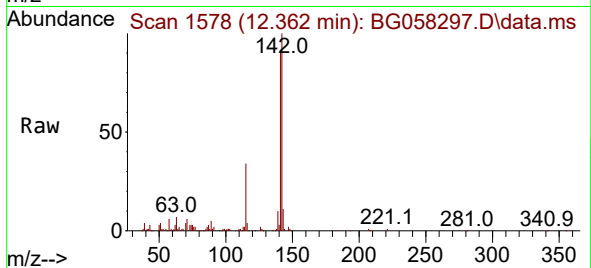




#36
2-Methylnaphthalene
Concen: 18.006 ng/ul
RT: 12.362 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

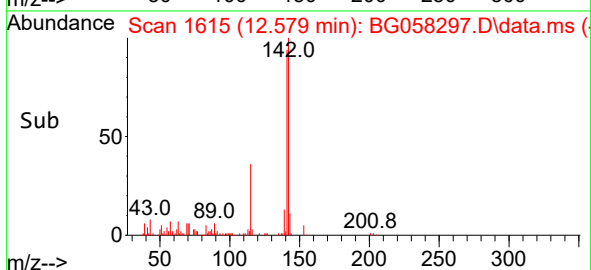
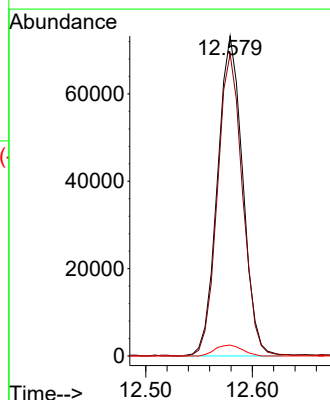
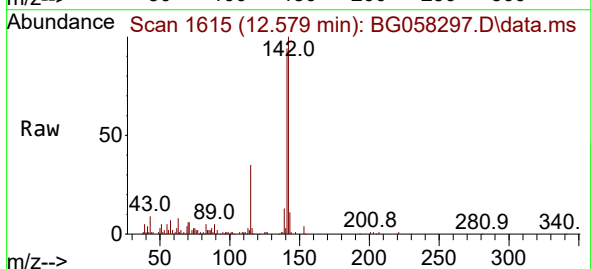
Instrument :
BNA_M
ClientSampleId :

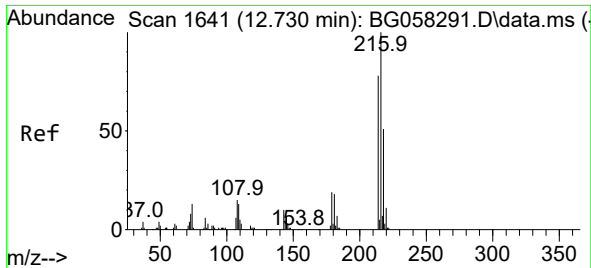
Tgt Ion:142 Resp: 120769
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8



#37
1-Methylnaphthalene
Concen: 17.521 ng/ul
RT: 12.579 min Scan# 1615
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:142 Resp: 120438
Ion Ratio Lower Upper
142 100
141 94.4 75.8 113.6
116 3.4 3.2 4.8

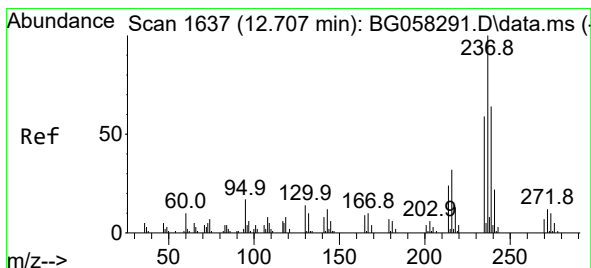
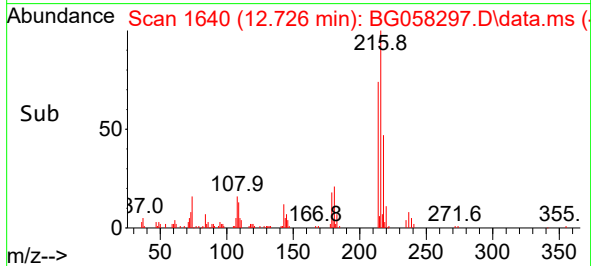
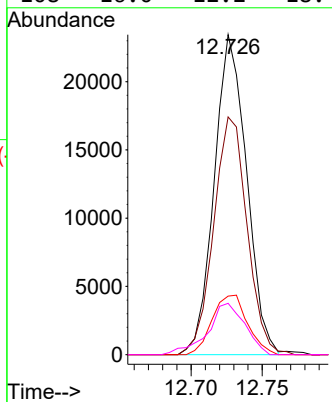
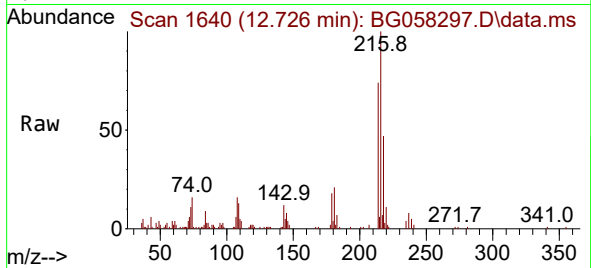




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.265 ng/ul
 RT: 12.726 min Scan# 1640
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

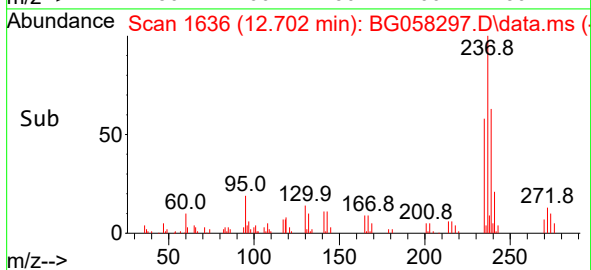
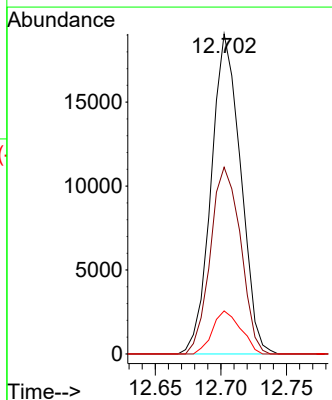
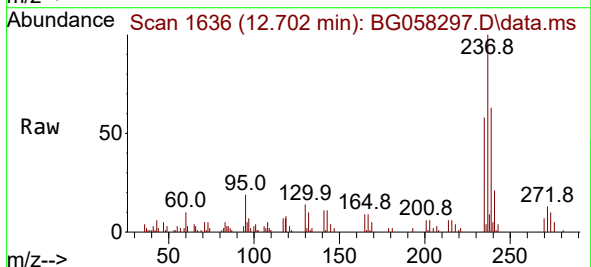
Instrument :
 BNA_M
 ClientSampleId :

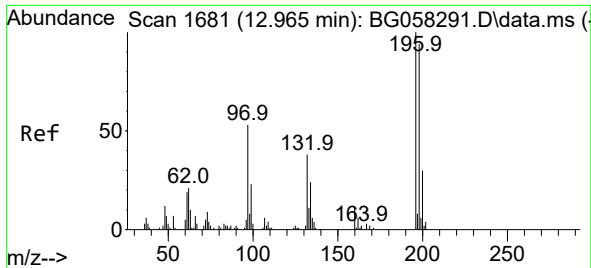
Tgt Ion:	216	Resp:	37057
Ion Ratio	Lower	Upper	
216	100		
214	74.3	62.2	93.4
179	18.3	16.2	24.2
108	16.0	12.2	18.4



#40
 Hexachlorocyclopentadiene
 Concen: 13.849 ng/ul
 RT: 12.702 min Scan# 1636
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

Tgt Ion:	237	Resp:	29792
Ion Ratio	Lower	Upper	
237	100		
235	58.3	50.9	76.3
272	13.5	10.8	16.2

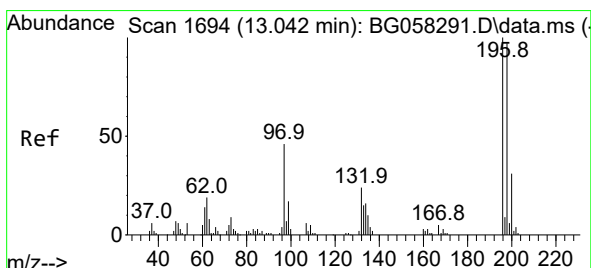
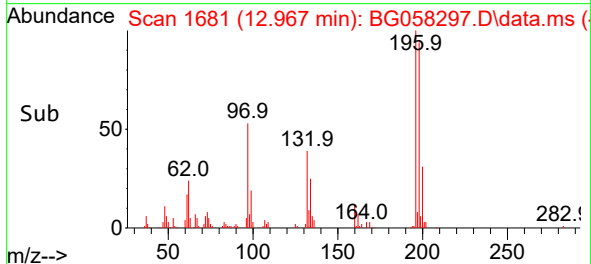
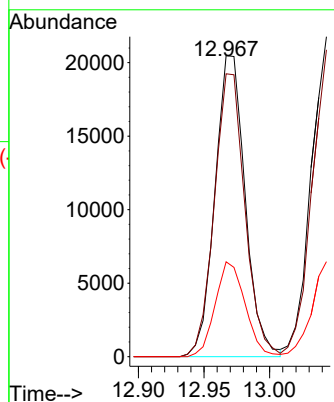
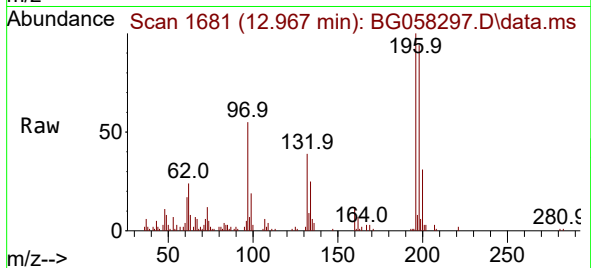




#41
2,4,6-Trichlorophenol
Concen: 12.116 ng/ul
RT: 12.967 min Scan# 1681
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

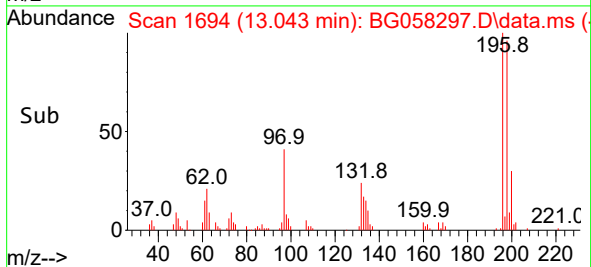
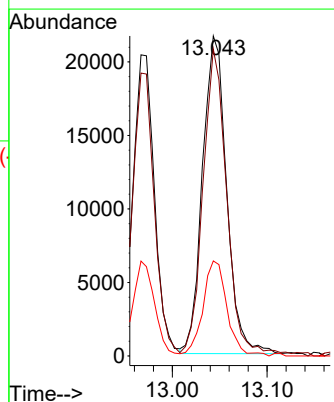
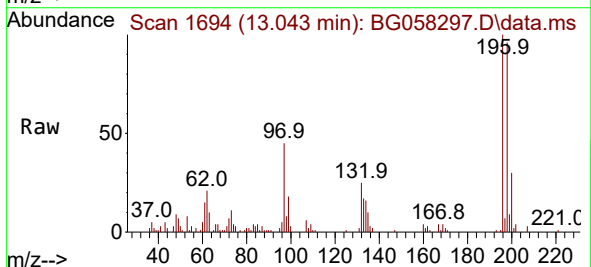
Instrument :
BNA_M
ClientSampleId :

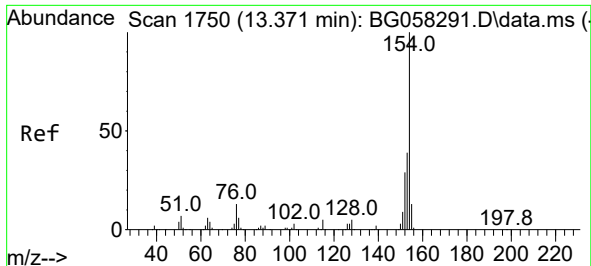
Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.7	116.5
200	31.5	25.0	37.6



#42
2,4,5-Trichlorophenol
Concen: 13.259 ng/ul
RT: 13.043 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.8	112.2
200	29.7	24.4	36.6

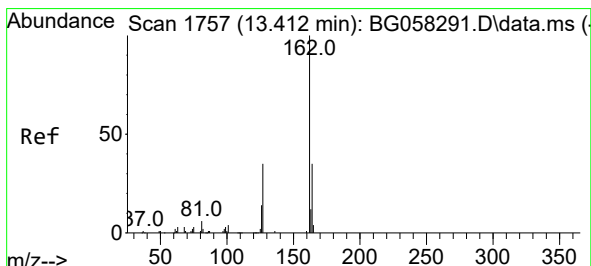
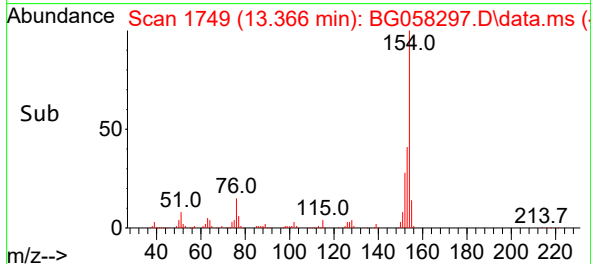
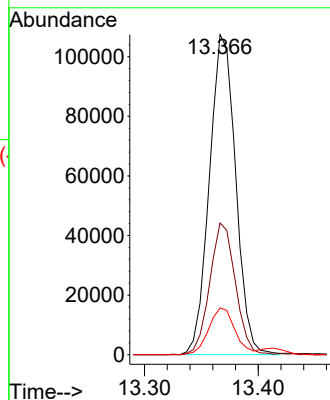
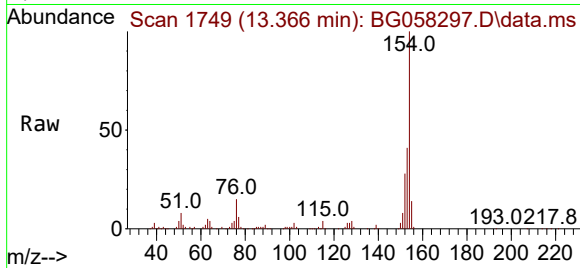




#43
1,1'-Biphenyl
Concen: 18.474 ng/ul
RT: 13.366 min Scan# 1749
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

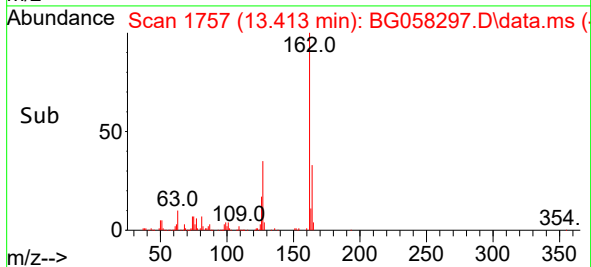
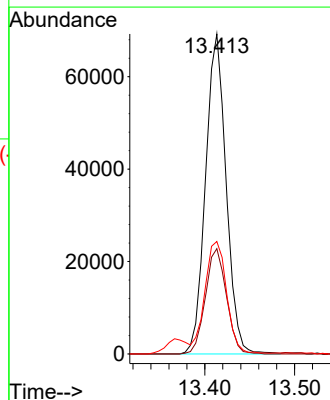
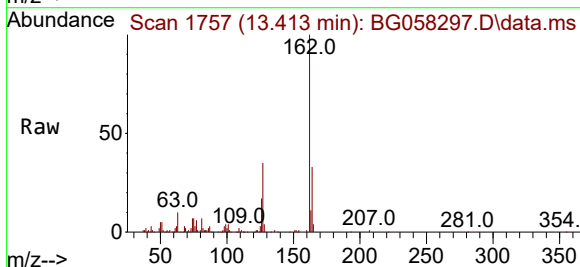
Instrument :
BNA_M
ClientSampleId :

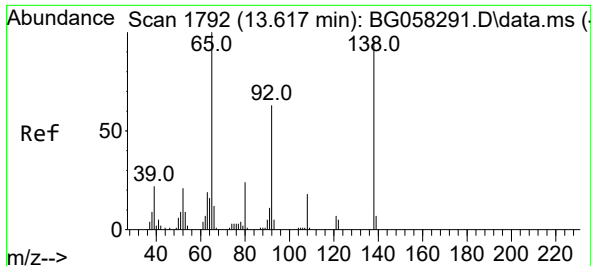
Tgt Ion:154 Resp: 172607
Ion Ratio Lower Upper
154 100
153 41.1 31.8 47.6
76 14.6 11.7 17.5



#44
2-Chloronaphthalene
Concen: 14.838 ng/ul
RT: 13.413 min Scan# 1757
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:162 Resp: 110221
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.2
127 35.2 29.8 44.6

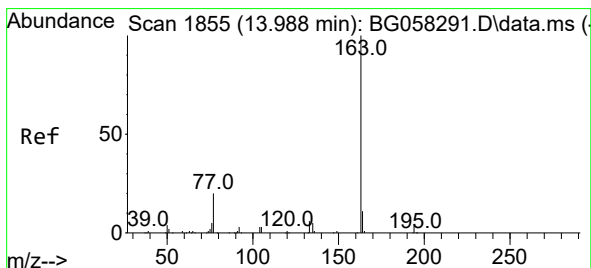
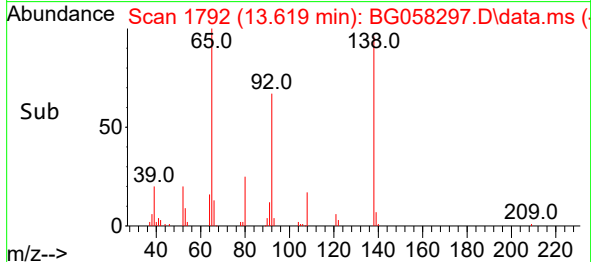
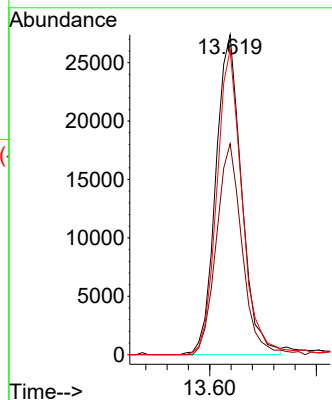
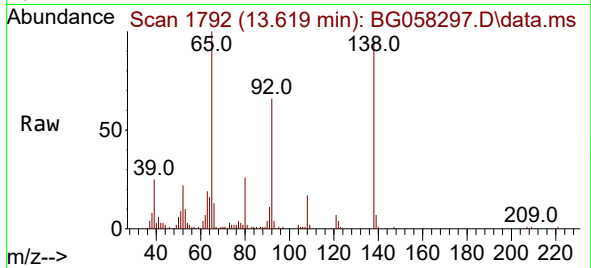




#45
2-Nitroaniline
Concen: 17.800 ng/ul
RT: 13.619 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

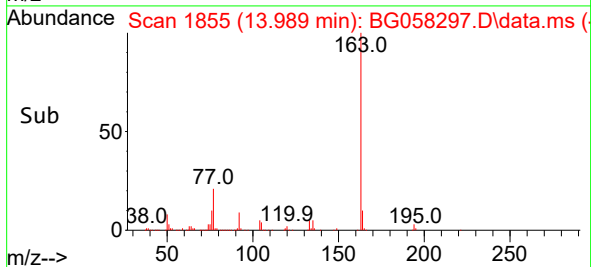
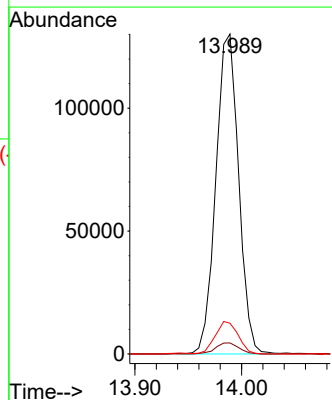
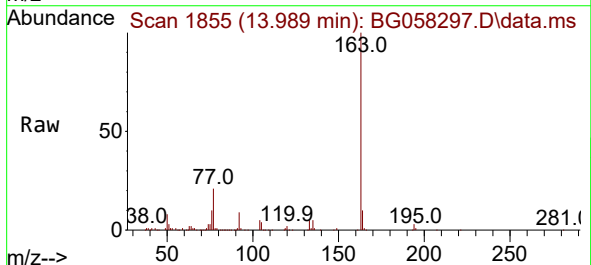
Instrument :
BNA_M
ClientSampleId :

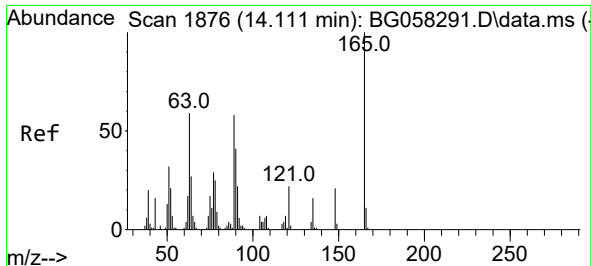
Tgt Ion: 65 Resp: 45930
Ion Ratio Lower Upper
65 100
92 65.9 51.4 77.2
138 95.4 71.6 107.4



#47
Dimethylphthalate
Concen: 18.039 ng/ul
RT: 13.989 min Scan# 1855
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:163 Resp: 193051
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 9.6 8.2 12.2





#48

2,6-Dinitrotoluene

Concen: 18.456 ng/ul

RT: 14.113 min Scan# 1876

Delta R.T. 0.003 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :

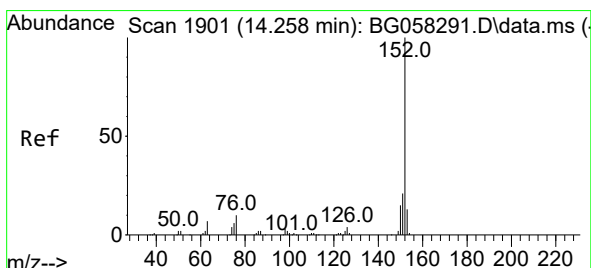
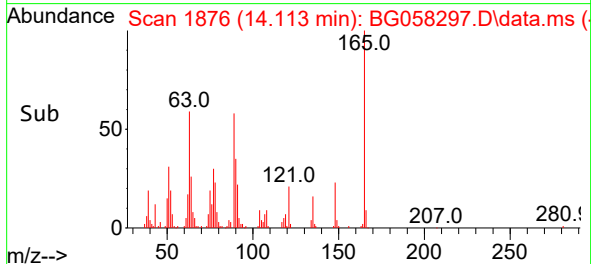
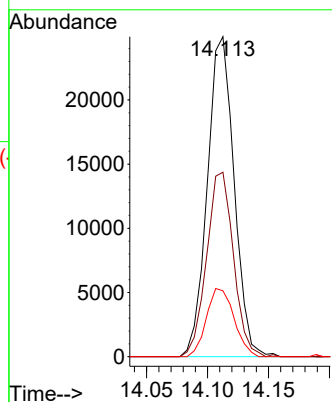
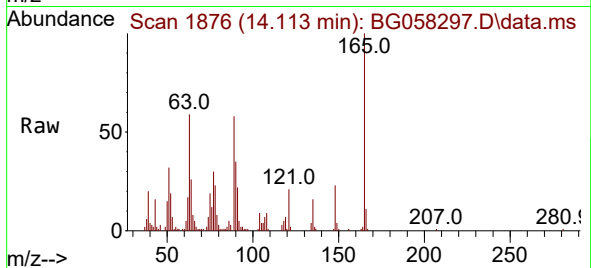
Tgt Ion:165 Resp: 38168

Ion Ratio Lower Upper

165 100

89 57.7 48.9 73.3

121 20.6 16.2 24.4



#50

Acenaphthylene

Concen: 13.831 ng/ul

RT: 14.259 min Scan# 1901

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

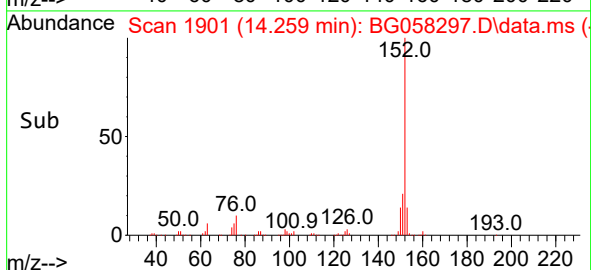
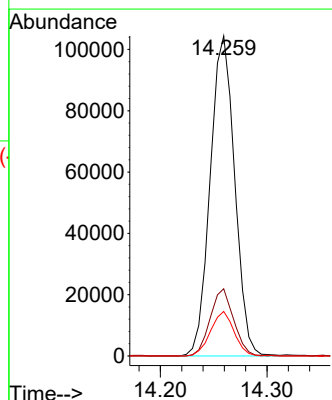
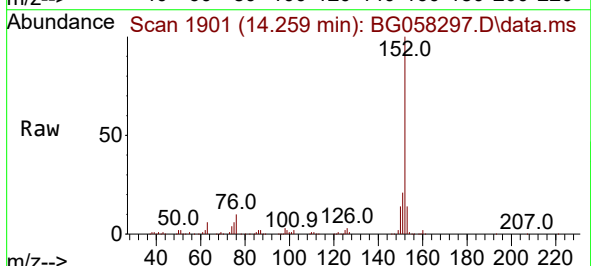
Tgt Ion:152 Resp: 166695

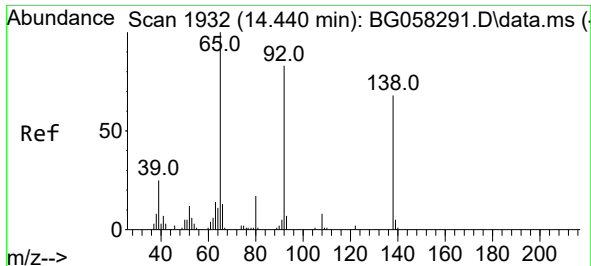
Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

153 13.9 10.6 16.0

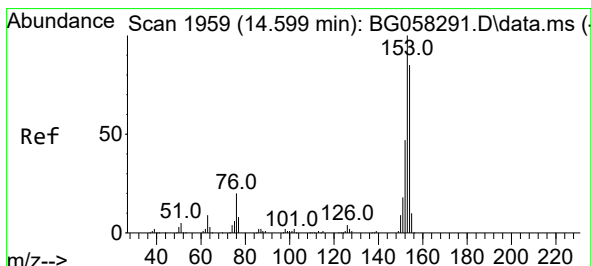
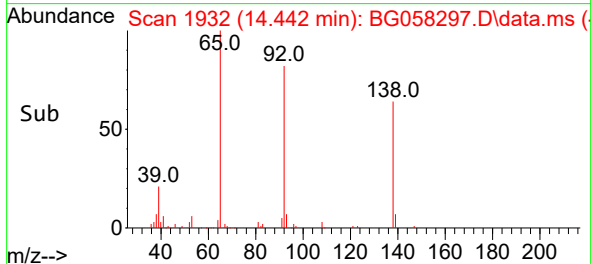
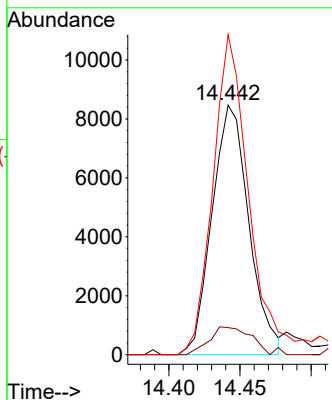
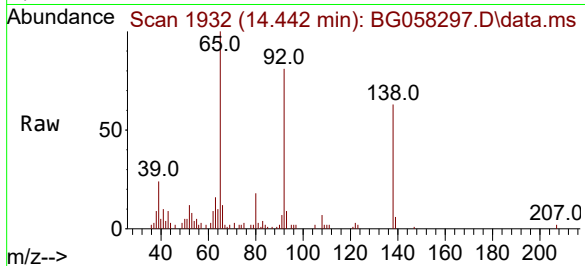




#51
3-Nitroaniline
Concen: 8.865 ng/ul
RT: 14.442 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

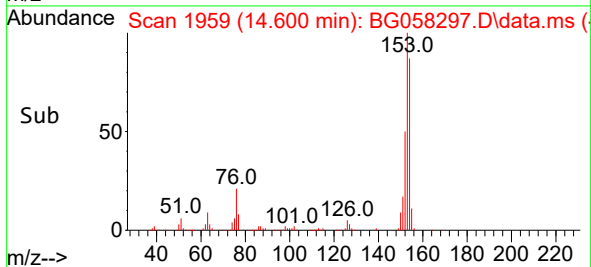
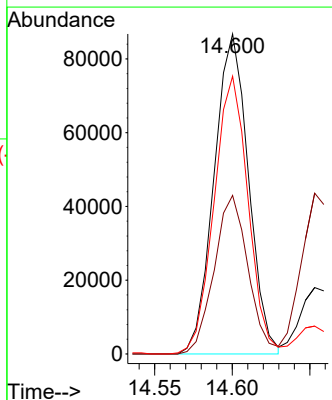
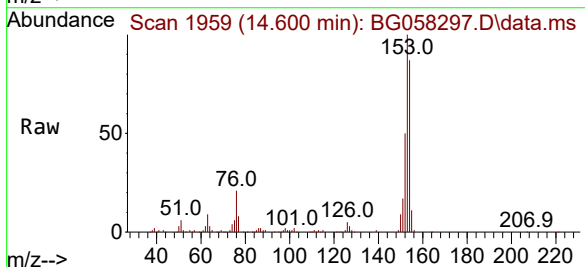
Instrument :
BNA_M
ClientSampleId :

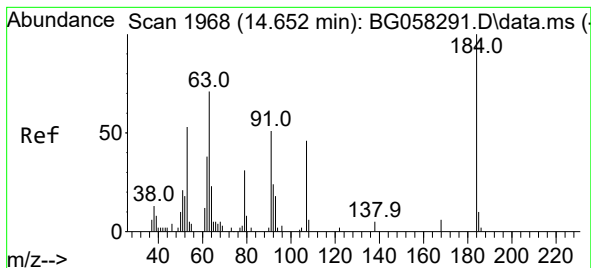
Tgt Ion:138 Resp: 15278
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 128.3 108.4 162.6



#52
Acenaphthene
Concen: 15.950 ng/ul
RT: 14.600 min Scan# 1959
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

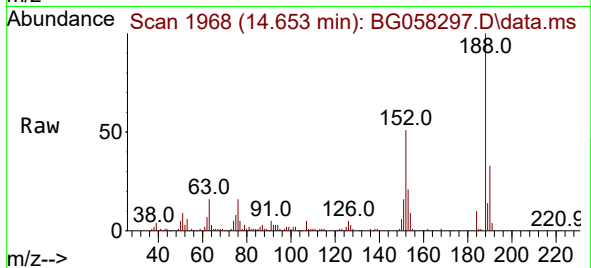
Tgt Ion:153 Resp: 133474
Ion Ratio Lower Upper
153 100
152 49.6 39.1 58.7
154 86.8 68.7 103.1



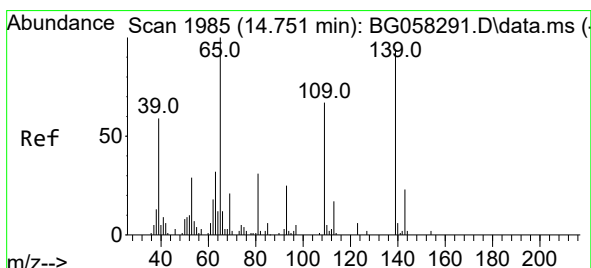
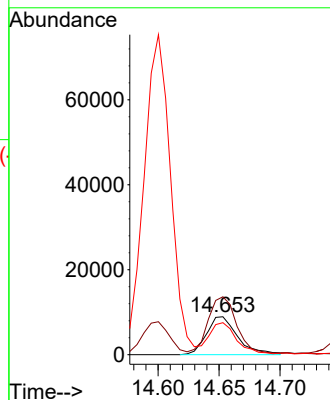
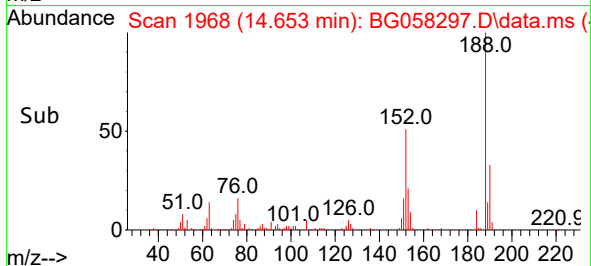


#53
2,4-Dinitrophenol
Concen: 14.443 ng/ul
RT: 14.653 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

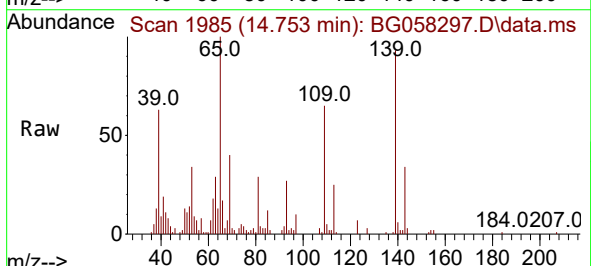
Instrument :
BNA_M
ClientSampleId :



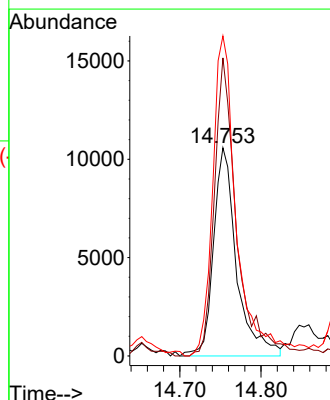
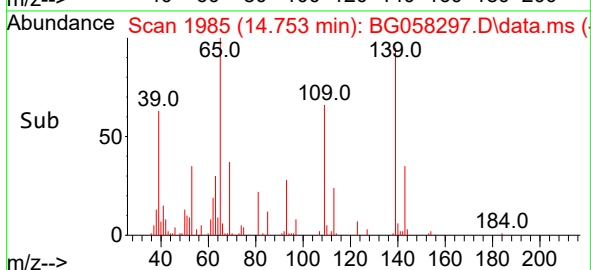
Tgt Ion:184 Resp: 15897
Ion Ratio Lower Upper
184 100
63 152.6 52.9 79.3#
154 84.5 47.8 71.8#

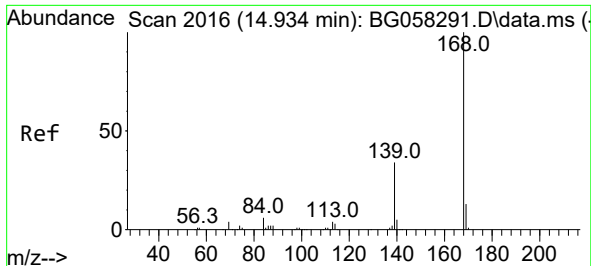


#55
4-Nitrophenol
Concen: 16.836 ng/ul
RT: 14.753 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12



Tgt Ion:109 Resp: 20864
Ion Ratio Lower Upper
109 100
139 143.2 100.3 150.5
65 153.8 120.6 180.8

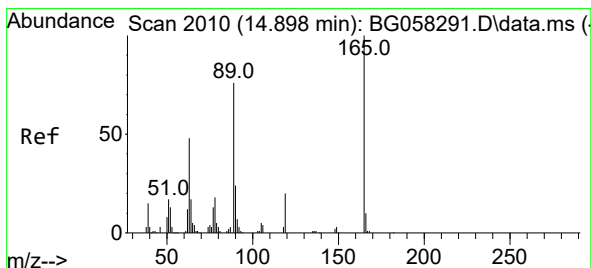
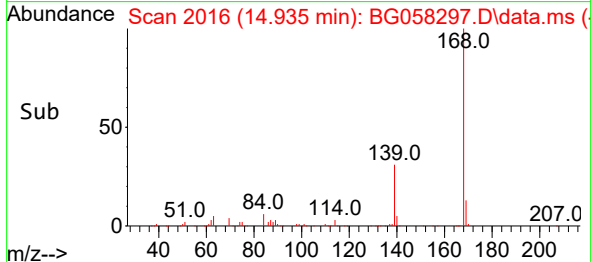
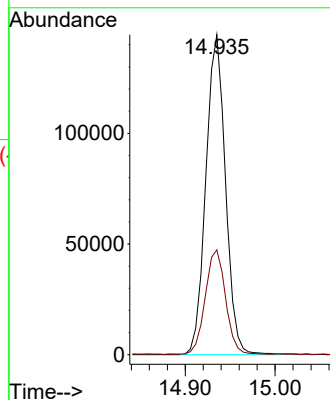
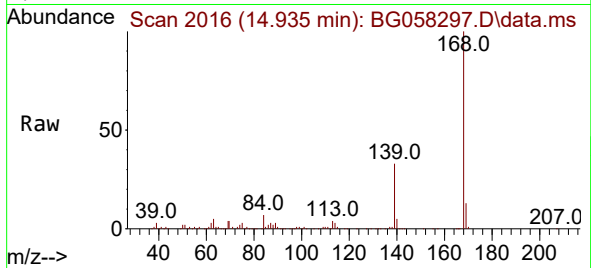




#56
Dibenzenofuran
Concen: 18.394 ng/ul
RT: 14.935 min Scan# 2016
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

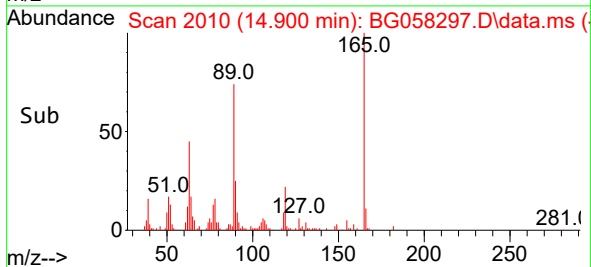
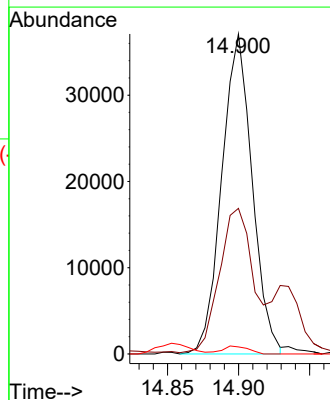
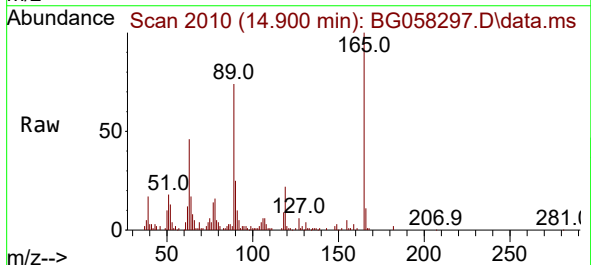
Instrument :
BNA_M
ClientSampleId :

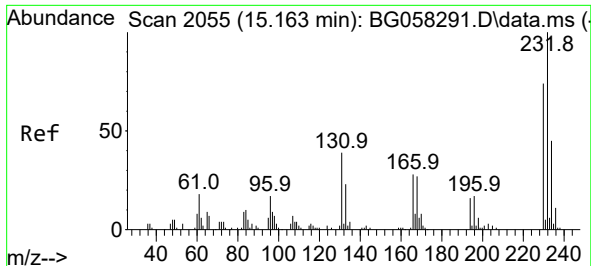
Tgt Ion:168 Resp: 219167
Ion Ratio Lower Upper
168 100
139 32.7 27.8 41.8



#57
2,4-Dinitrotoluene
Concen: 18.471 ng/ul
RT: 14.900 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:165 Resp: 55095
Ion Ratio Lower Upper
165 100
63 45.5 33.8 50.6
182 2.2 1.2 1.8#

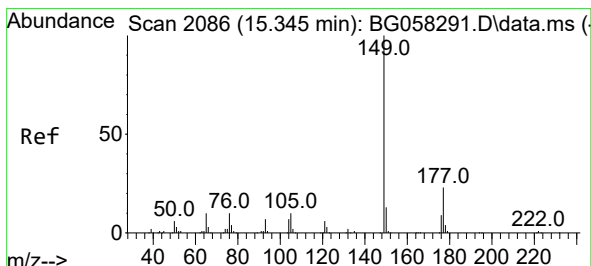
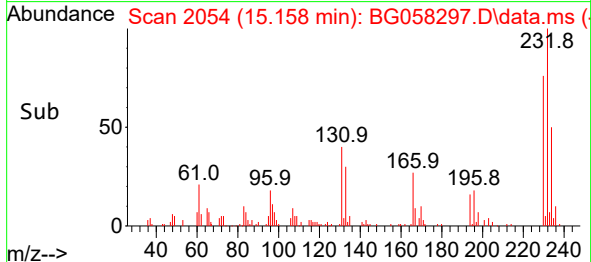
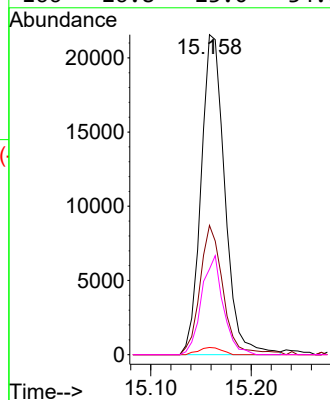
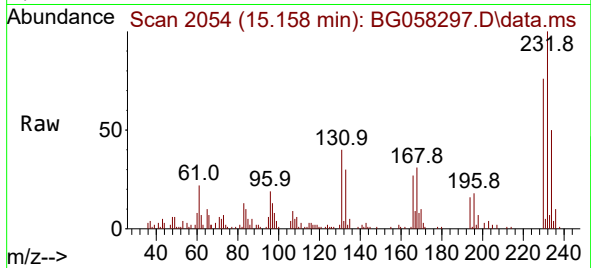




#58
2,3,4,6-Tetrachlorophenol
Concen: 13.314 ng/ul
RT: 15.158 min Scan# 2054
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

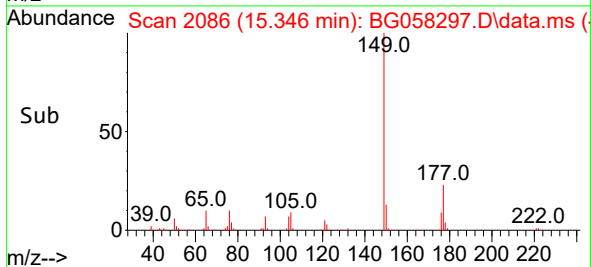
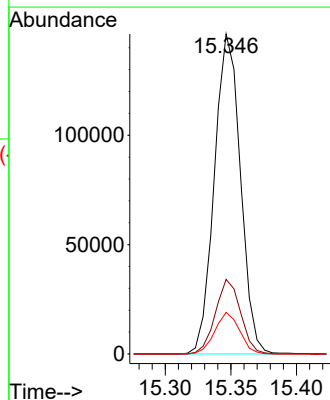
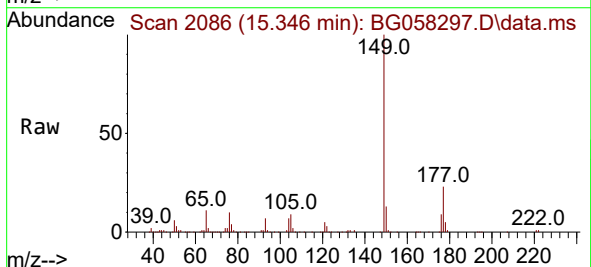
Instrument :
BNA_M
ClientSampleId :

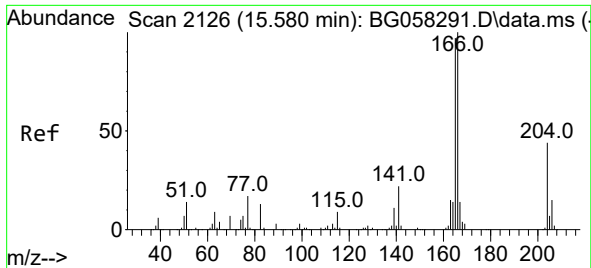
Tgt Ion:232 Resp: 35515
Ion Ratio Lower Upper
232 100
131 40.4 29.0 43.6
130 2.2 1.1 1.7#
166 26.8 23.0 34.6



#59
Diethylphthalate
Concen: 18.310 ng/ul
RT: 15.346 min Scan# 2086
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:149 Resp: 201869
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 13.0 10.0 15.0

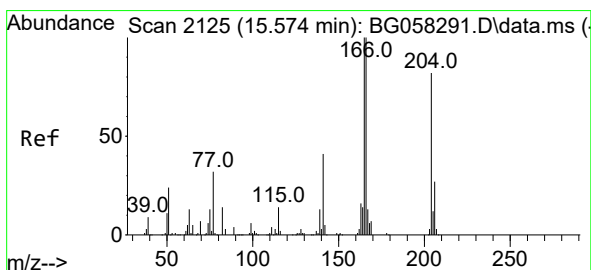
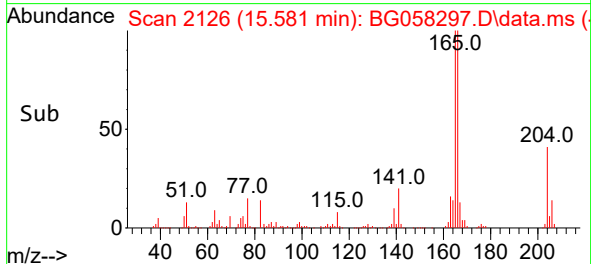
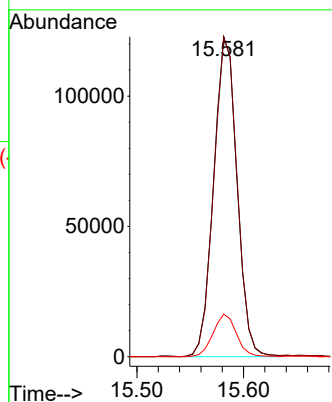
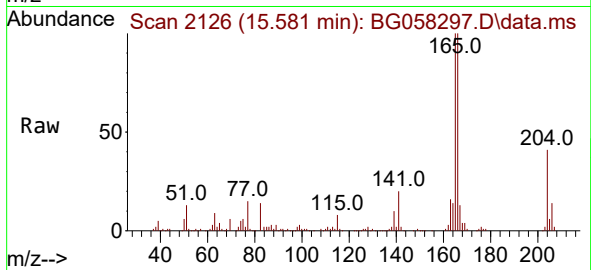




#61
 Fluorene
 Concen: 19.082 ng/ul
 RT: 15.581 min Scan# 2126
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

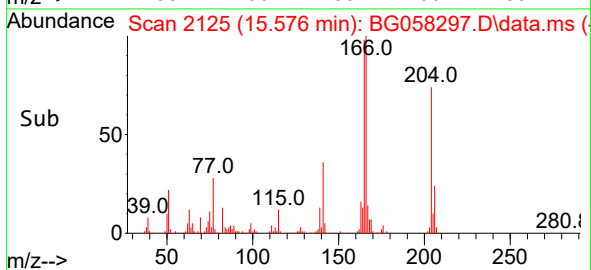
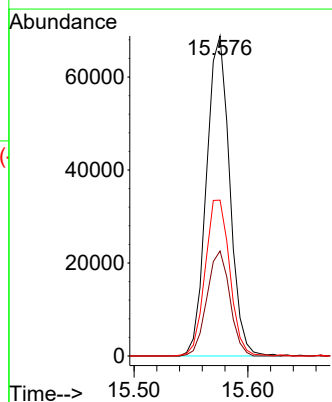
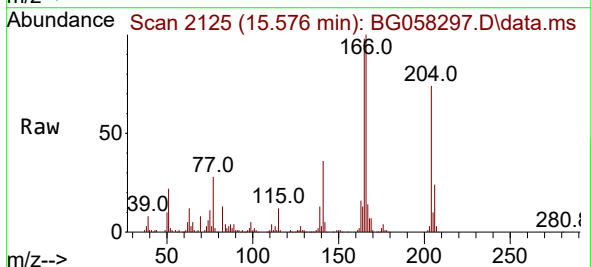
Instrument :
 BNA_M
 ClientSampleId :

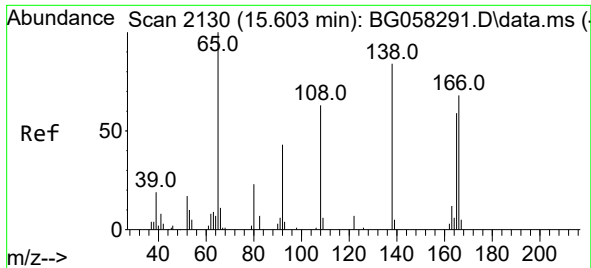
Tgt Ion:166 Resp: 186457
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.2 120.2
 167 13.3 10.5 15.7



#62
 4-Chlorophenyl-phenylether
 Concen: 18.824 ng/ul
 RT: 15.576 min Scan# 2125
 Delta R.T. 0.003 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

Tgt Ion:204 Resp: 97646
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.0 39.0
 141 48.7 42.2 63.2

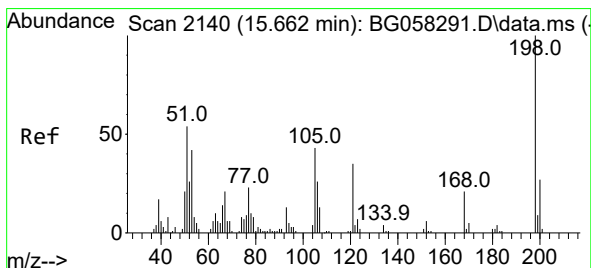
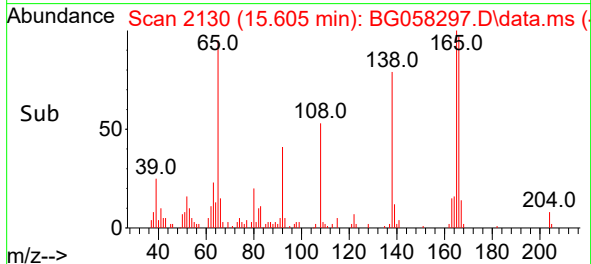
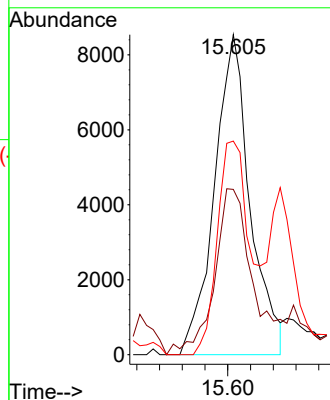
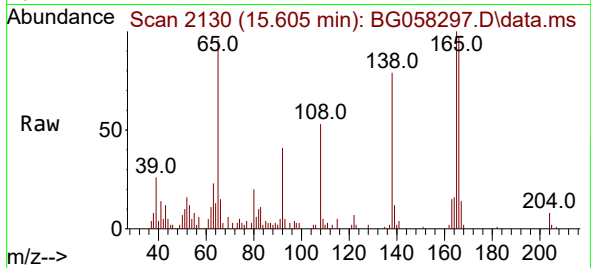




#63
4-Nitroaniline
Concen: 11.909 ng/ul
RT: 15.605 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

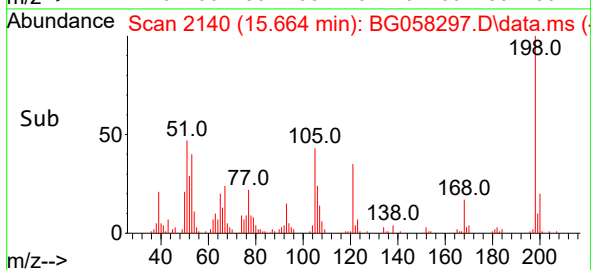
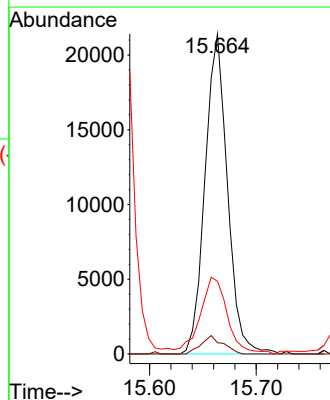
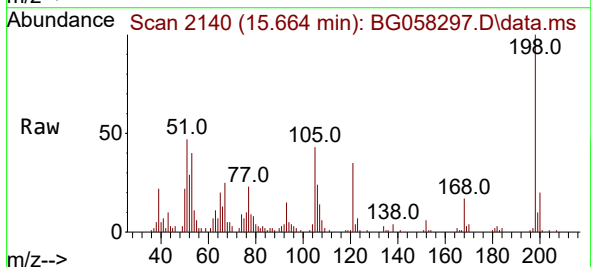
Instrument :
BNA_M
ClientSampleId :

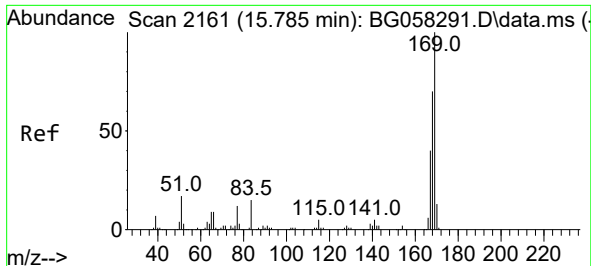
Tgt Ion:138 Resp: 18572
Ion Ratio Lower Upper
138 100
92 51.7 45.0 67.4
108 66.7 60.8 91.2



#66
4,6-Dinitro-2-methylphenol
Concen: 17.875 ng/ul
RT: 15.664 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

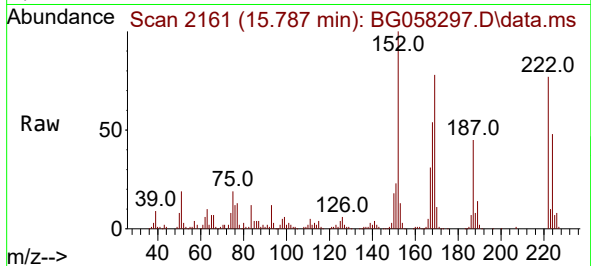
Tgt Ion:198 Resp: 31317
Ion Ratio Lower Upper
198 100
182 3.5 3.4 5.2
77 22.7 18.4 27.6



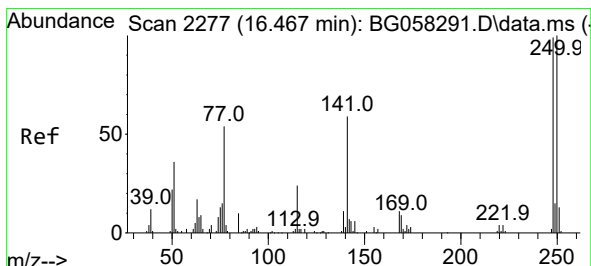
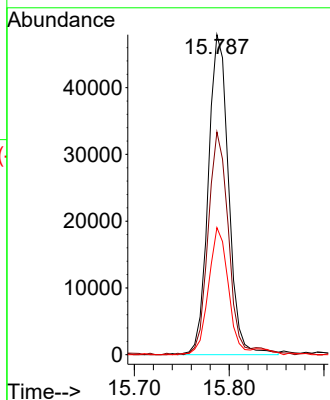
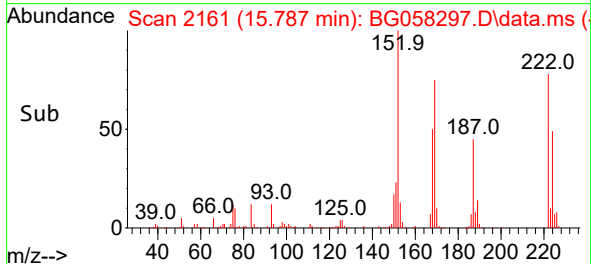


#67
N-Nitrosodiphenylamine
Concen: 8.598 ng/ul
RT: 15.787 min Scan# 2161
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

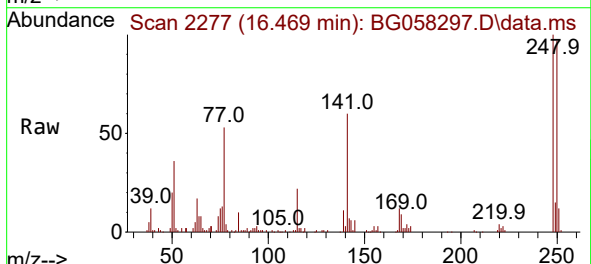
Instrument :
BNA_M
ClientSampleId :



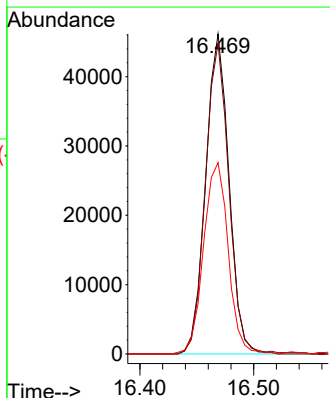
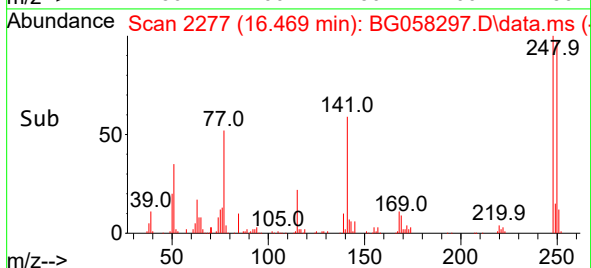
Tgt Ion:169 Resp: 71237
Ion Ratio Lower Upper
169 100
168 69.6 55.7 83.5
167 39.7 31.2 46.8

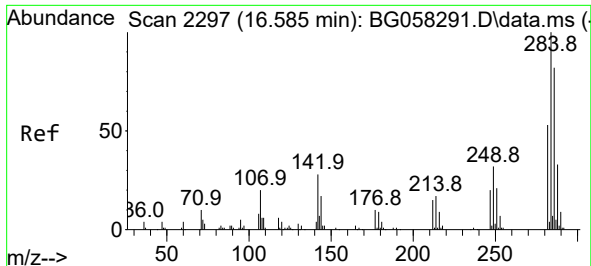


#68
4-Bromophenyl-phenylether
Concen: 18.522 ng/ul
RT: 16.469 min Scan# 2277
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12



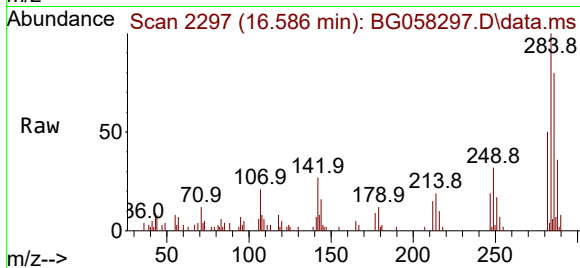
Tgt Ion:248 Resp: 65576
Ion Ratio Lower Upper
248 100
250 97.1 73.8 110.6
141 59.8 48.2 72.2



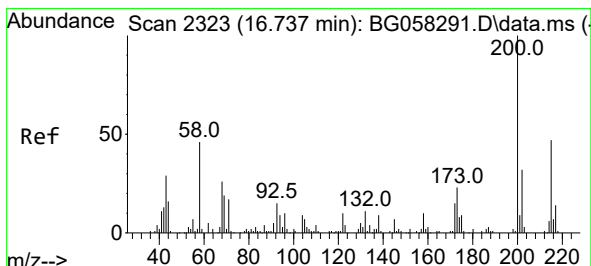
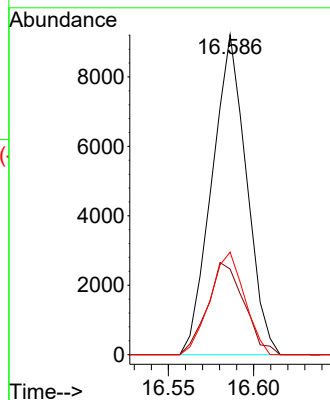
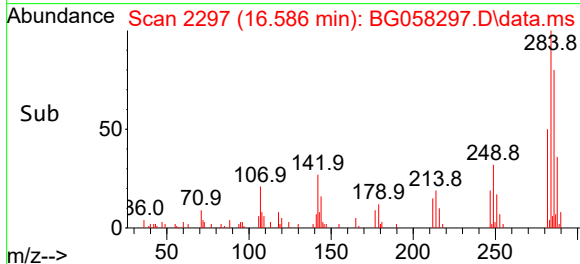


#69
Hexachlorobenzene
Concen: 3.248 ng/ul
RT: 16.586 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

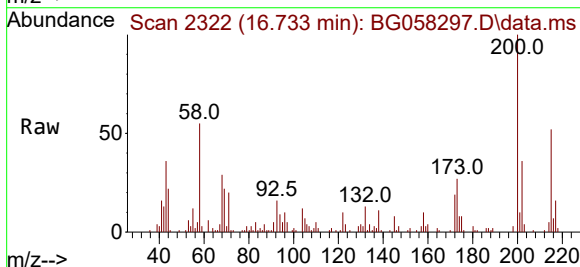
Instrument :
BNA_M
ClientSampleId :



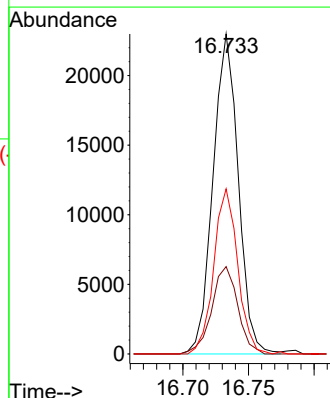
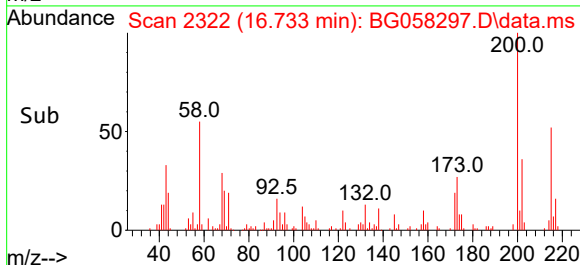
Tgt Ion:284 Resp: 12977
Ion Ratio Lower Upper
284 100
142 26.7 20.5 30.7
249 35.0 25.2 37.8

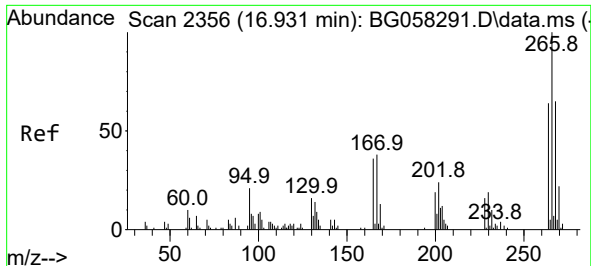


#70
Atrazine
Concen: 9.459 ng/ul
RT: 16.733 min Scan# 2322
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12



Tgt Ion:200 Resp: 30727
Ion Ratio Lower Upper
200 100
173 27.3 19.8 29.8
215 51.6 36.2 54.4

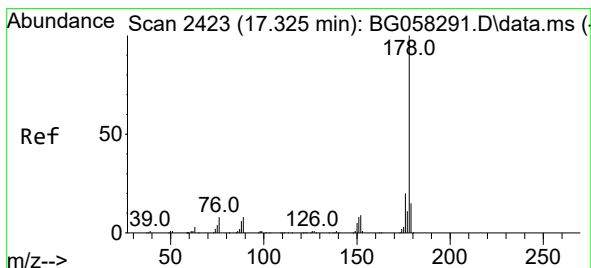
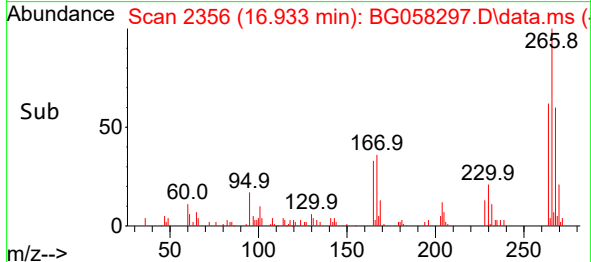
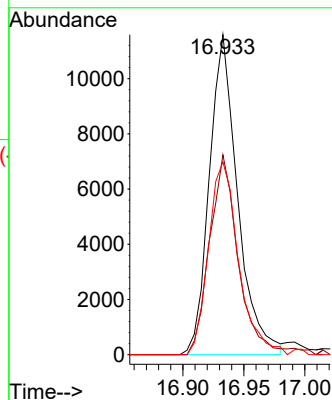
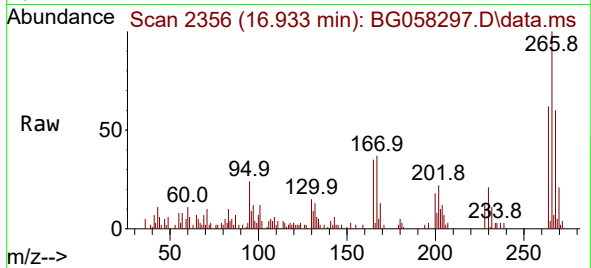




#71
 Pentachlorophenol
 Concen: 8.349 ng/ul
 RT: 16.933 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

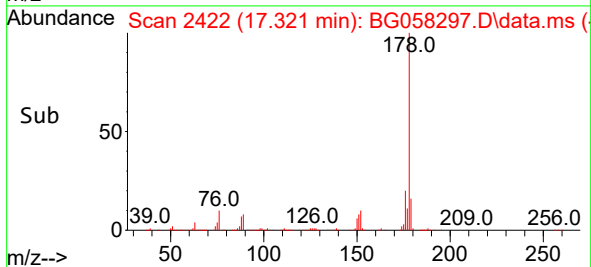
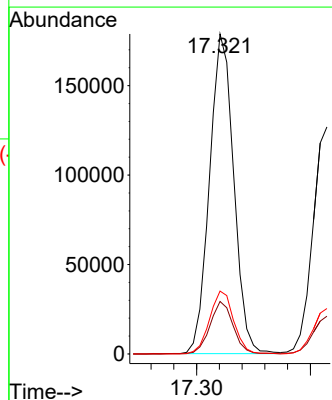
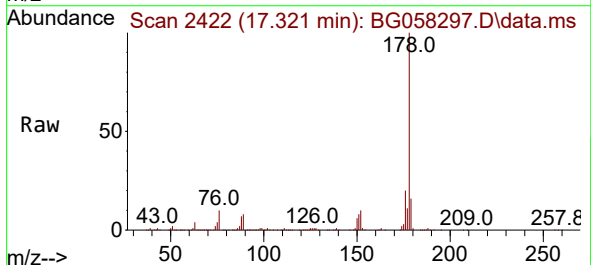
Instrument :
 BNA_M
 ClientSampleId :

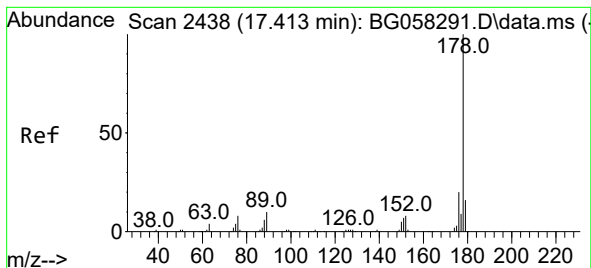
Tgt Ion:266 Resp: 18721
 Ion Ratio Lower Upper
 266 100
 264 62.5 46.6 70.0
 268 60.3 47.6 71.4



#72
 Phenanthrene
 Concen: 16.614 ng/ul
 RT: 17.321 min Scan# 2422
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

Tgt Ion:178 Resp: 263896
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.9 17.9
 176 19.7 15.8 23.8





#74

Anthracene

Concen: 11.895 ng/uL

RT: 17.415 min Scan# 2438

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :

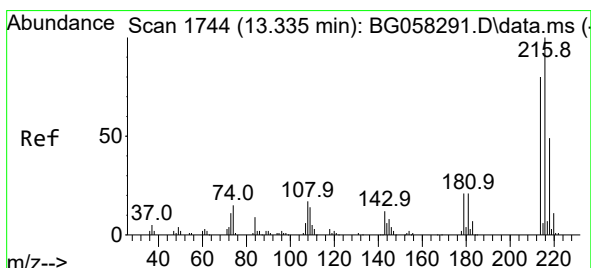
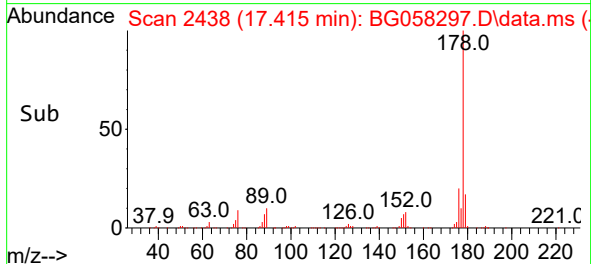
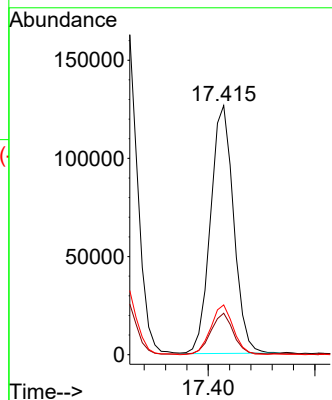
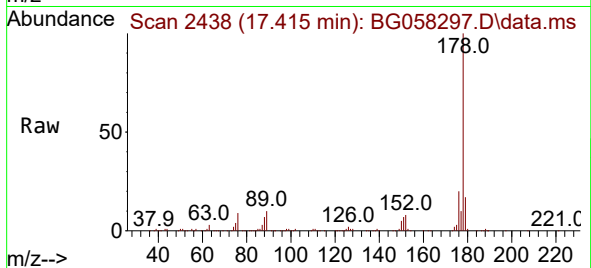
Tgt Ion:178 Resp: 189687

Ion Ratio Lower Upper

178 100

179 16.6 13.4 20.2

176 20.0 16.2 24.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 7.690 ng/uL

RT: 13.337 min Scan# 1744

Delta R.T. 0.003 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

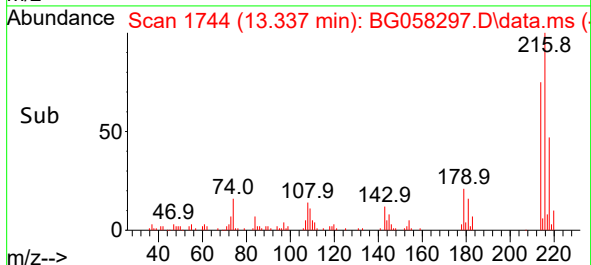
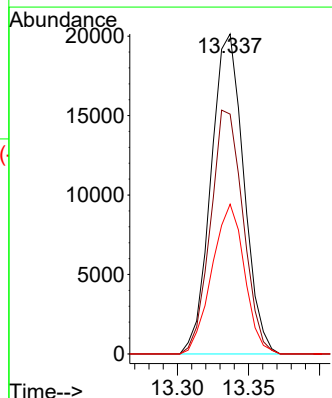
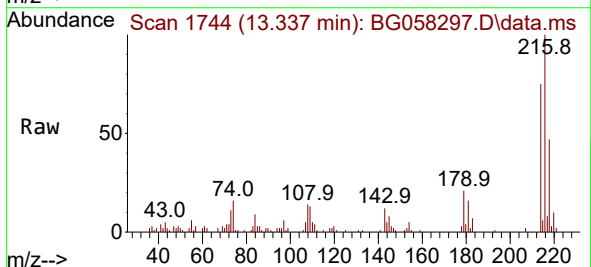
Tgt Ion:216 Resp: 32241

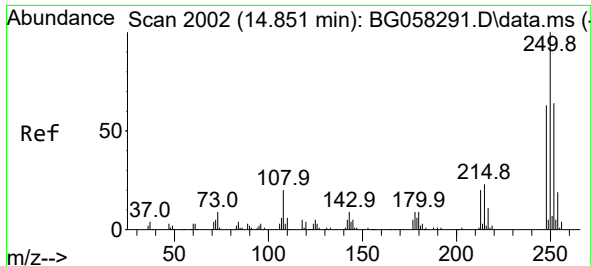
Ion Ratio Lower Upper

216 100

214 75.0 62.2 93.4

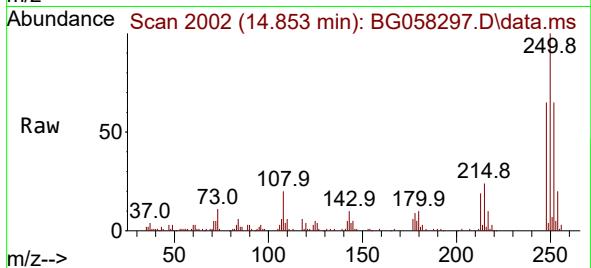
218 46.8 40.9 61.3



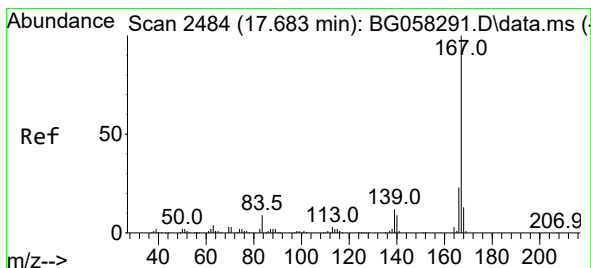
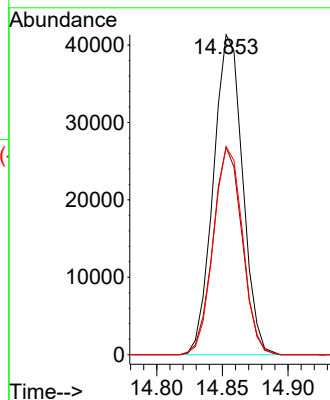
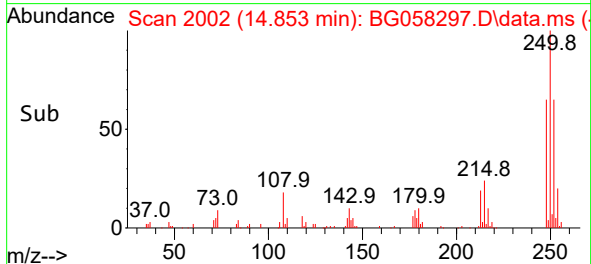


#76
 Pentachlorobenzene
 Concen: 13.964 ng/uL
 RT: 14.853 min Scan# 2002
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

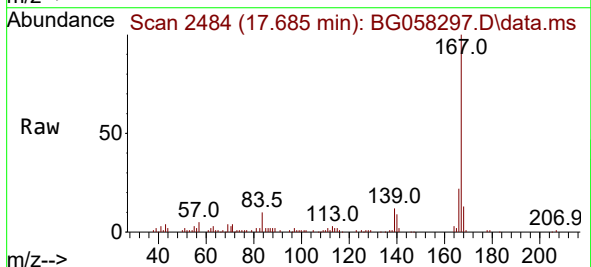
Instrument :
 BNA_M
 ClientSampleId :



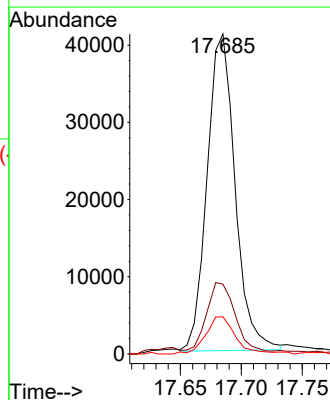
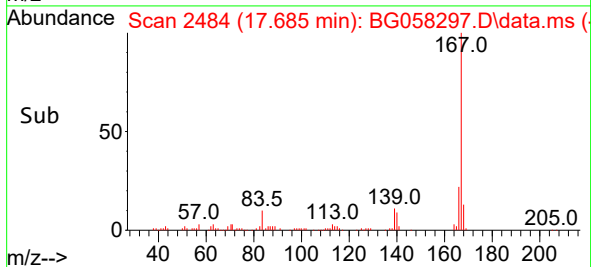
Tgt Ion:250 Resp: 64020
 Ion Ratio Lower Upper
 250 100
 248 64.9 51.6 77.4
 252 65.0 54.4 81.6

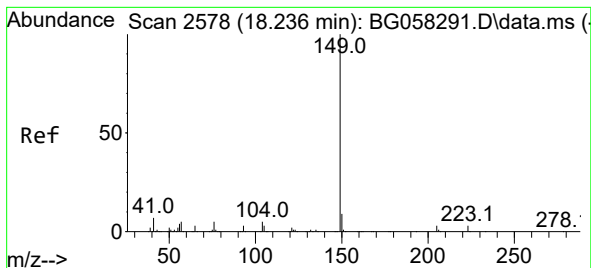


#77
 Carbazole
 Concen: 4.753 ng/uL
 RT: 17.685 min Scan# 2484
 Delta R.T. 0.003 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12



Tgt Ion:167 Resp: 65697
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 11.6 9.4 14.0





#78

Di-n-butylphthalate

Concen: 20.837 ng/ul

RT: 18.237 min Scan# 2

Delta R.T. -0.002 min

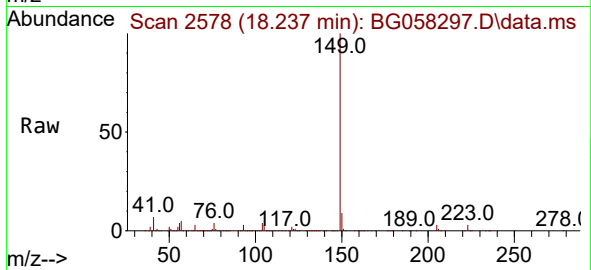
Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :



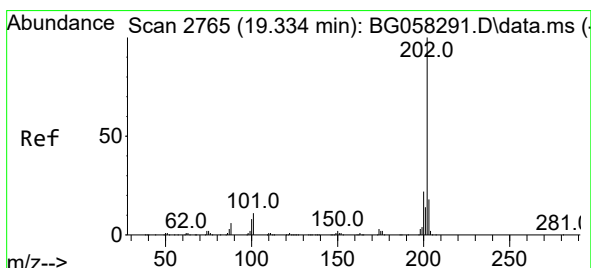
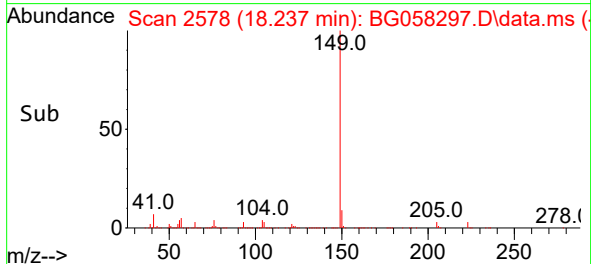
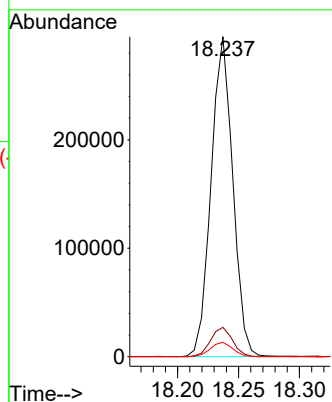
Tgt Ion:149 Resp: 365995

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.5 3.9 5.9



#80

Fluoranthene

Concen: 16.901 ng/ul

RT: 19.336 min Scan# 2765

Delta R.T. 0.003 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

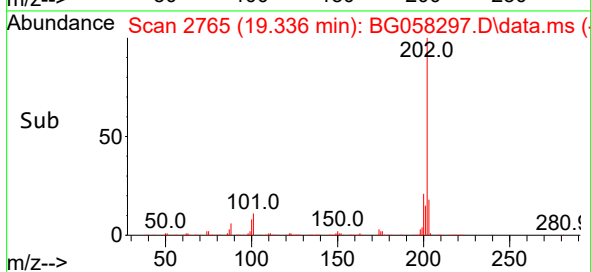
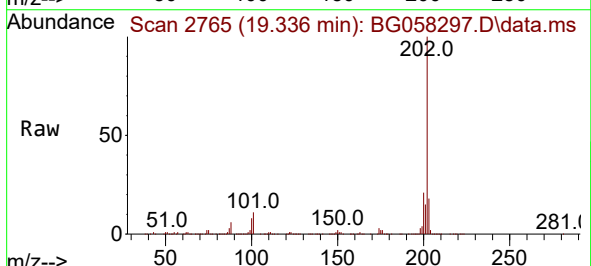
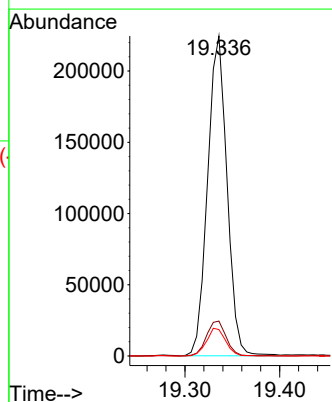
Tgt Ion:202 Resp: 318311

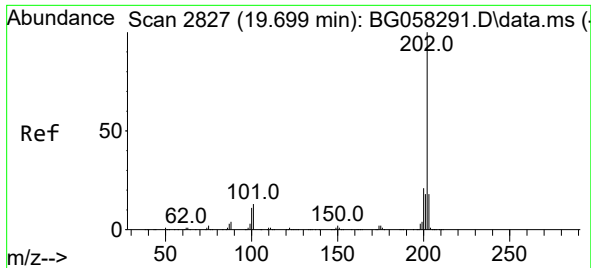
Ion Ratio Lower Upper

202 100

101 10.9 8.6 12.8

100 8.2 7.2 10.8

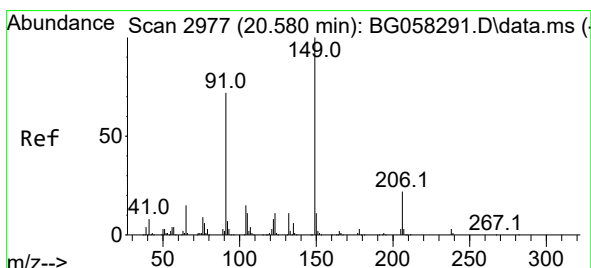
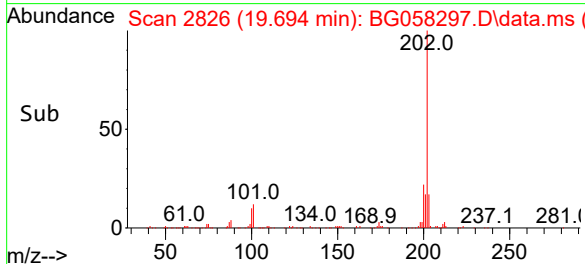
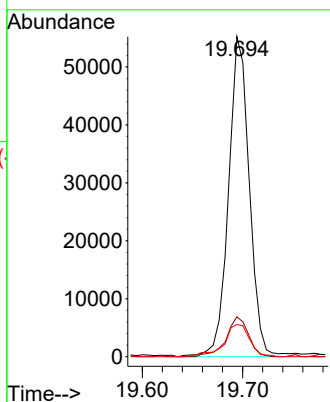
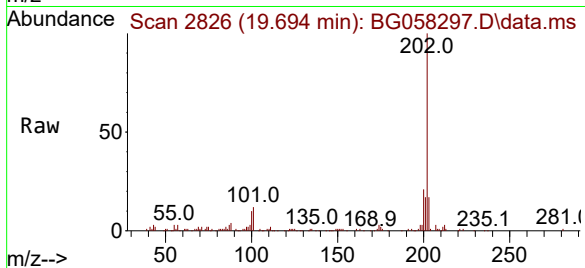




#82
 Pyrene
 Concen: 4.159 ng/ul
 RT: 19.694 min Scan# 2827
 Delta R.T. -0.002 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

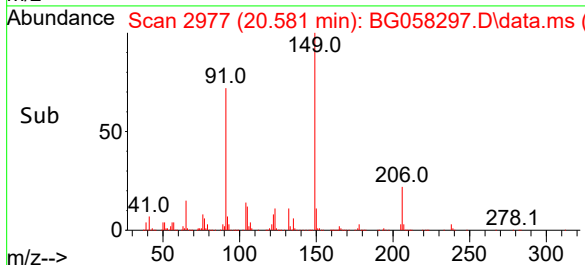
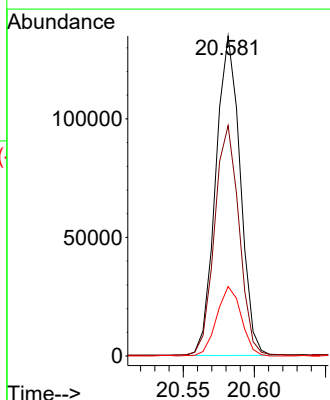
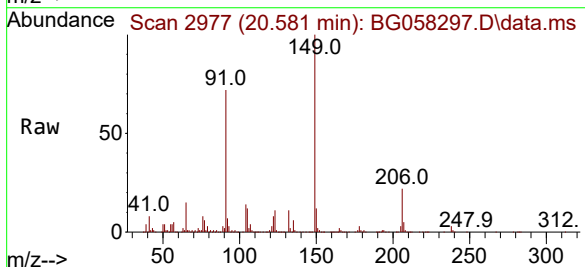
Instrument :
 BNA_M
 ClientSampleId :

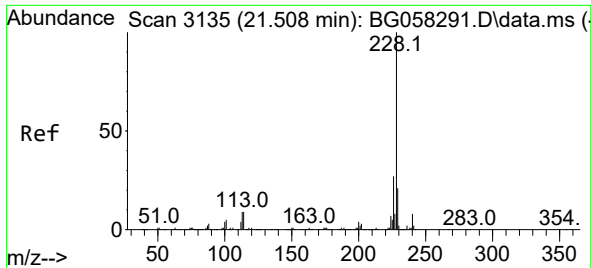
Tgt Ion:202 Resp: 79367
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.2 15.2
 100 10.1 8.9 13.3



#83
 Butylbenzylphthalate
 Concen: 21.495 ng/ul
 RT: 20.581 min Scan# 2977
 Delta R.T. 0.003 min
 Lab File: BG058297.D
 Acq: 18 Jul 2023 12:12

Tgt Ion:149 Resp: 161517
 Ion Ratio Lower Upper
 149 100
 91 72.0 59.9 89.9
 206 21.7 16.9 25.3

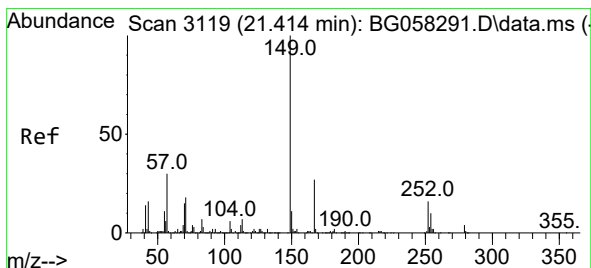
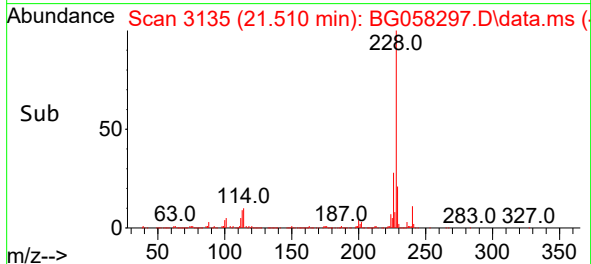
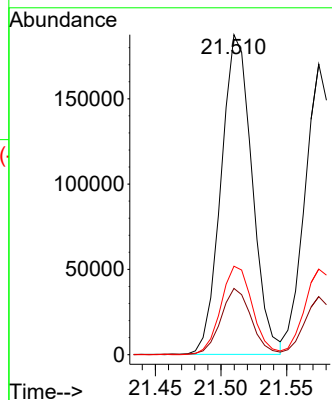
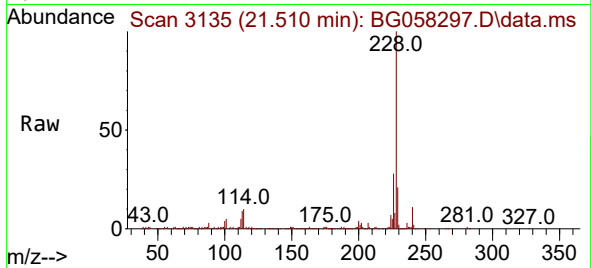




#85
Benzo(a)anthracene
Concen: 16.472 ng/ul
RT: 21.510 min Scan# 3135
Delta R.T. -0.002 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

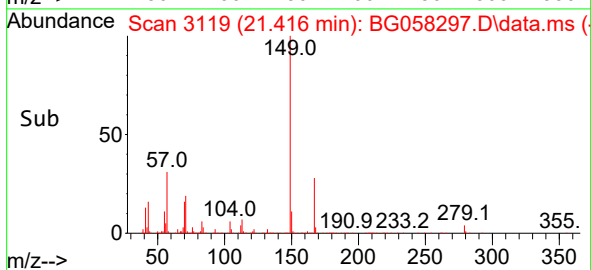
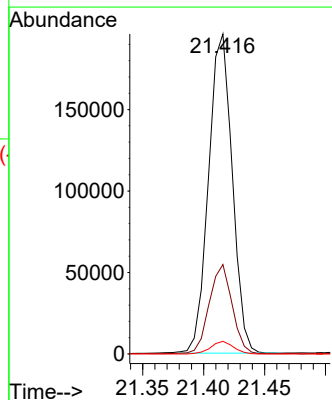
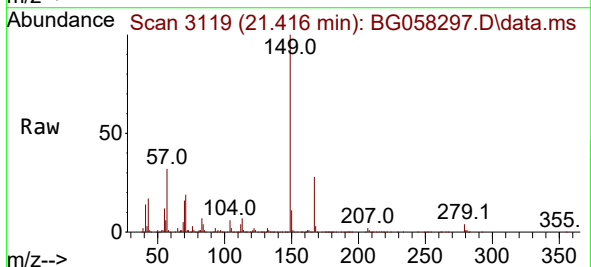
Instrument :
BNA_M
ClientSampleId :

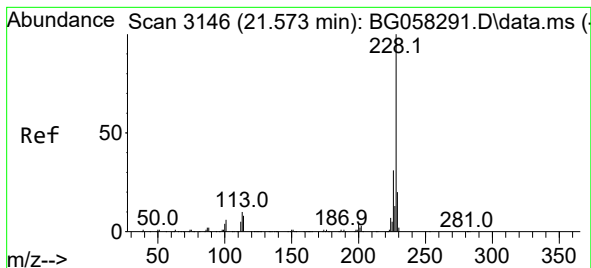
Tgt Ion:228 Resp: 308169
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.6 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 24.794 ng/ul
RT: 21.416 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG058297.D
Acq: 18 Jul 2023 12:12

Tgt Ion:149 Resp: 264996
Ion Ratio Lower Upper
149 100
167 27.9 21.6 32.4
279 3.9 3.0 4.4





#87

Chrysene

Concen: 15.405 ng/ul

RT: 21.574 min Scan# 3146

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :

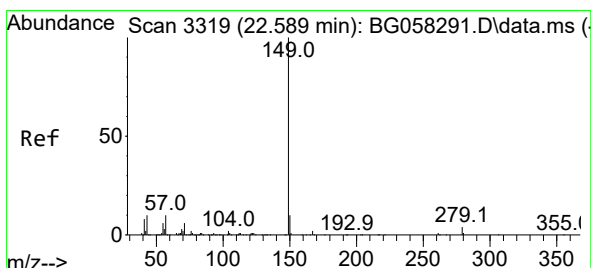
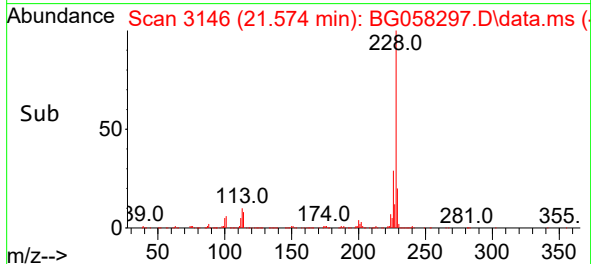
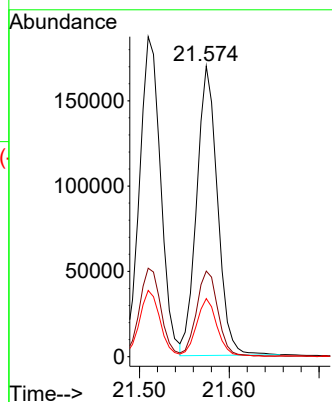
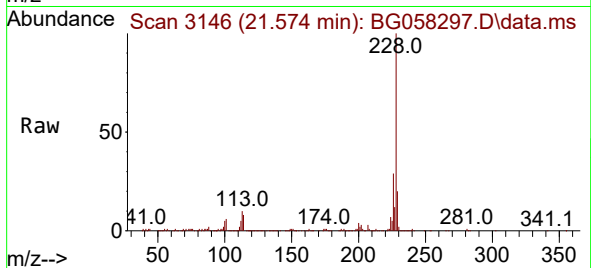
Tgt Ion:228 Resp: 273377

Ion Ratio Lower Upper

228 100

226 29.4 24.0 36.0

229 20.0 15.8 23.8



#89

Di-n-octyl phthalate

Concen: 21.583 ng/ul

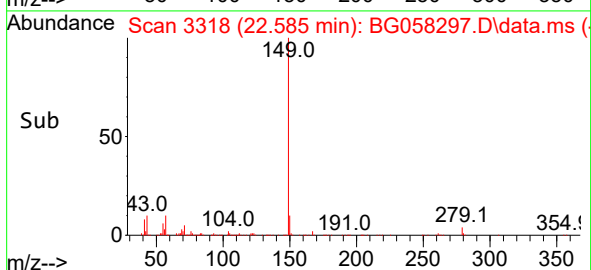
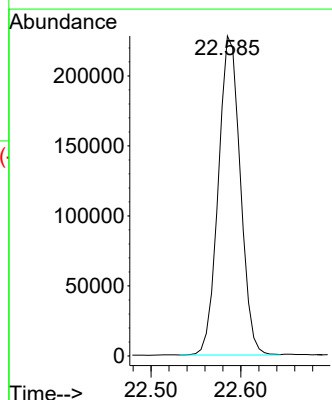
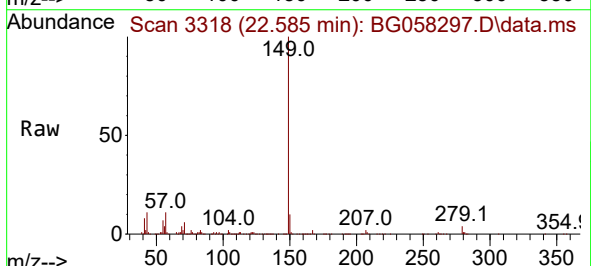
RT: 22.585 min Scan# 3318

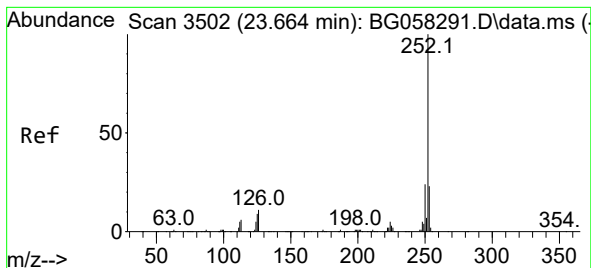
Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Tgt Ion:149 Resp: 387130





#90

Benzo(b)fluoranthene

Concen: 14.424 ng/ul

RT: 23.666 min Scan# 3502

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :

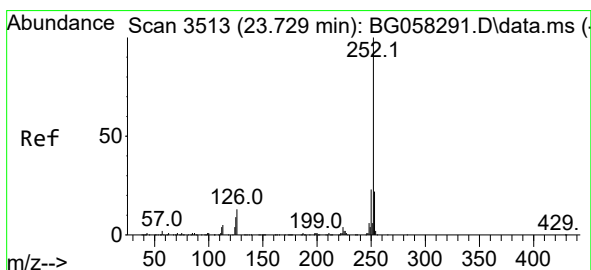
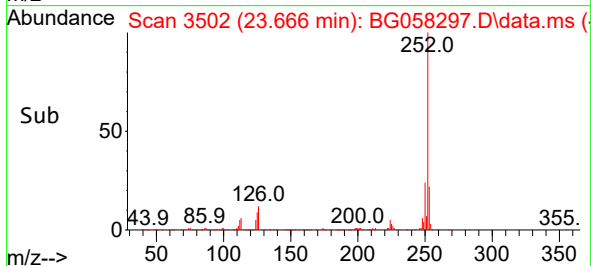
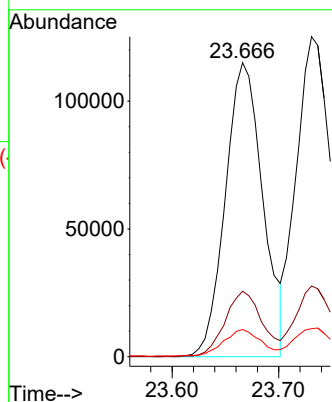
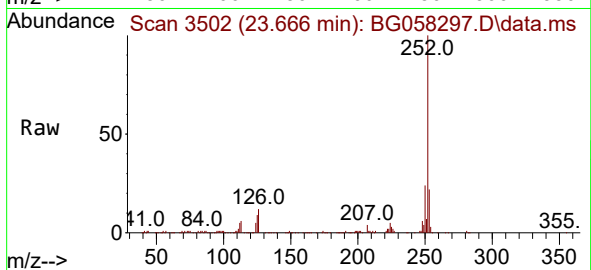
Tgt Ion:252 Resp: 281349

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.3 6.7 10.1



#91

Benzo(k)fluoranthene

Concen: 14.800 ng/ul

RT: 23.731 min Scan# 3513

Delta R.T. -0.002 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

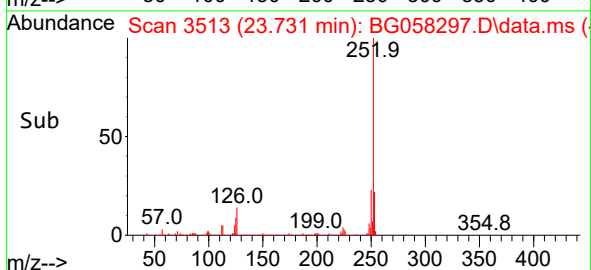
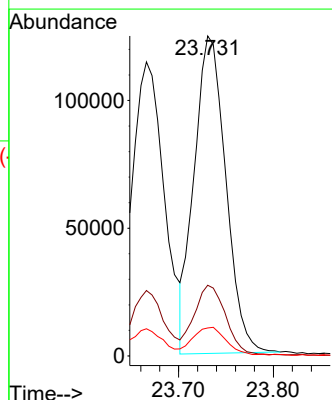
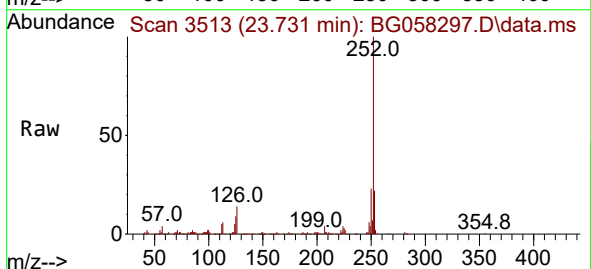
Tgt Ion:252 Resp: 287922

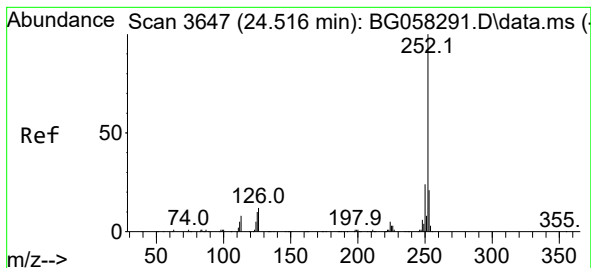
Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

125 8.7 7.4 11.0





#93

Benzo(a)pyrene

Concen: 1.256 ng/ul

RT: 24.512 min Scan# 3

Delta R.T. -0.008 min

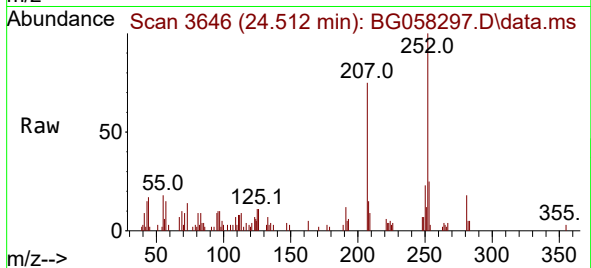
Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :



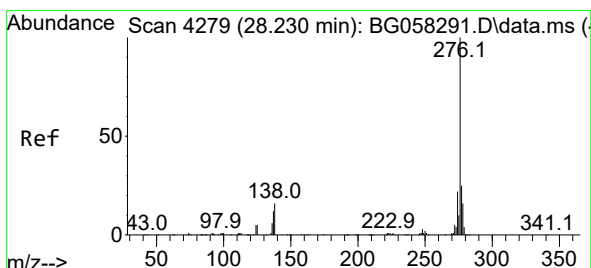
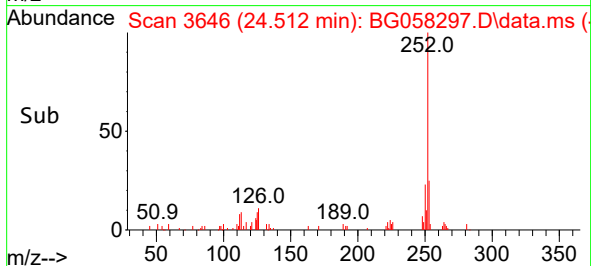
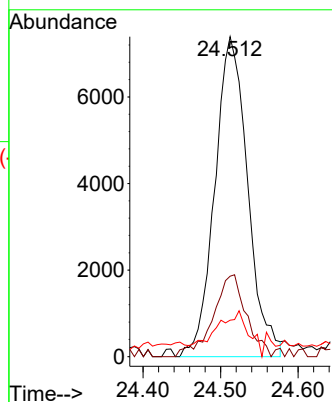
Tgt Ion:252 Resp: 21790

Ion Ratio Lower Upper

252 100

253 25.1 17.4 26.0

125 11.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.376 ng/ul

RT: 28.290 min Scan# 4289

Delta R.T. 0.062 min

Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

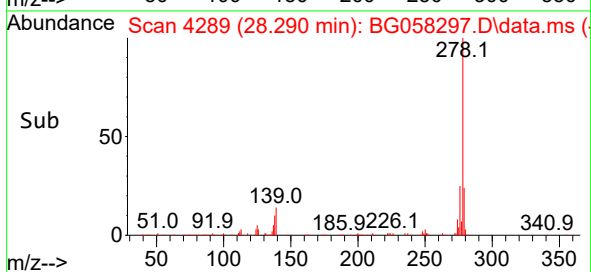
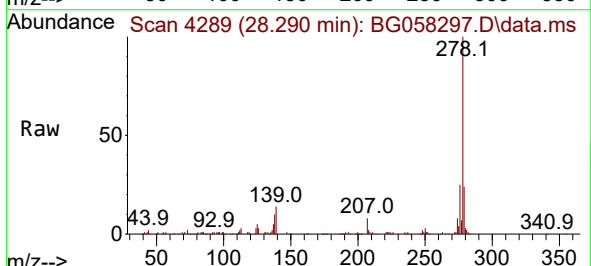
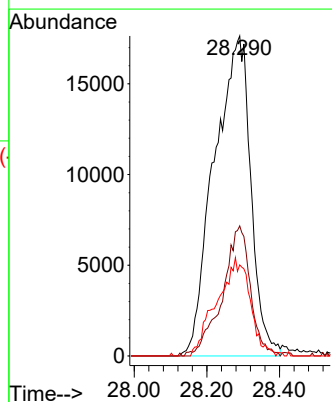
Tgt Ion:276 Resp: 122893

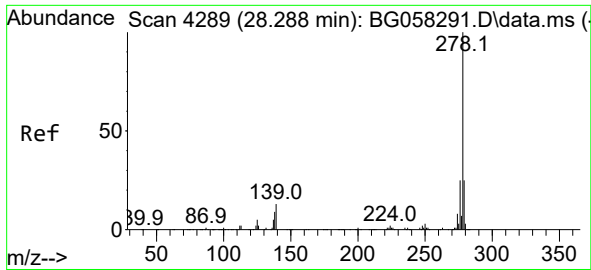
Ion Ratio Lower Upper

276 100

138 40.7 13.8 20.6#

277 28.5 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 16.776 ng/ul

RT: 28.290 min Scan# 41

Delta R.T. -0.002 min

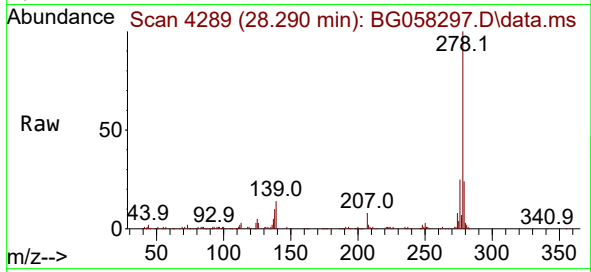
Lab File: BG058297.D

Acq: 18 Jul 2023 12:12

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:278 Resp: 314454

Ion Ratio Lower Upper

278 100

139 14.2 10.4 15.6

279 23.8 18.4 27.6

