

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092623\
 Data File : BG059205.D
 Acq On : 26 Sep 2023 21:08
 Operator : MA/JU
 Sample : 04450-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBHQ4

Quant Time: Sep 26 23:50:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 23:48:55 2023
 Response via : Initial Calibration

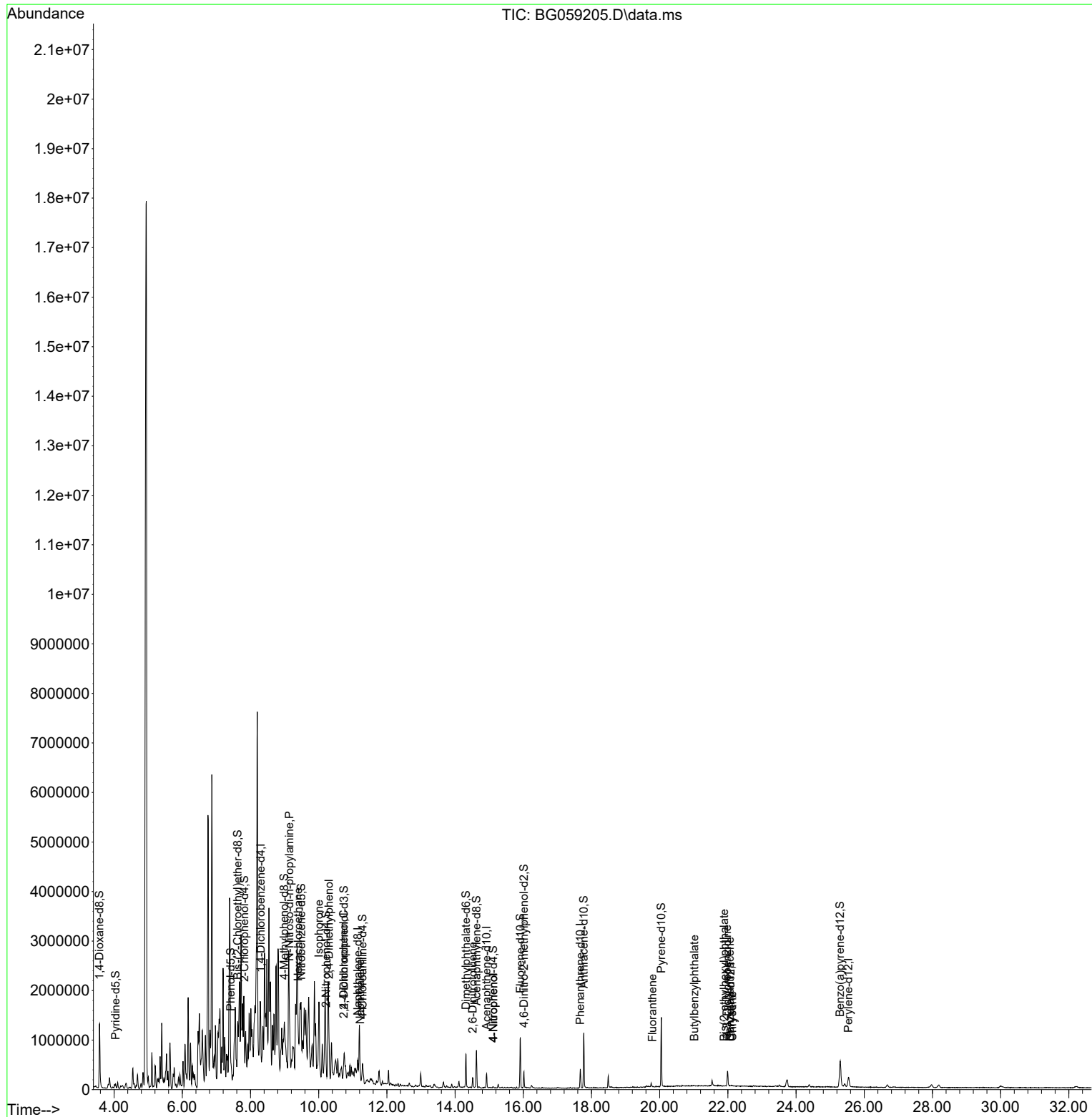
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.300	152	30442	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.143	136	147781	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.921	164	101592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.671	188	248780	20.000	ng/ul	0.00
79) Chrysene-d12	22.083	240	1432	20.000	ng/ul	0.09
88) Perylene-d12	25.538	264	210758	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	38139	49.039	ng/uL	-0.04
4) Pyridine-d5	4.046	84	38307	16.789	ng/ul	0.00
7) Phenol-d5	7.418	99	41531	13.874	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.624	67	240006	130.657	ng/ul	0.01
11) 2-Chlorophenol-d4	7.818	132	92981	42.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	65332	27.405	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	80081	70.225	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	63243	54.900	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.744	165	113787	52.029	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	116792	34.216	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	465319	59.555	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	535037	56.240	ng/ul	0.00
54) 4-Nitrophenol-d4	15.121	143	6567	4.607	ng/ul	0.01
60) Fluorene-d10	15.914	176	444797	62.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.020	200	71065	50.245	ng/ul	0.00
73) Anthracene-d10	17.777	188	672430	59.404	ng/ul	0.00
81) Pyrene-d10	20.050	212	794030	9486.627	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.291	264	650814	63.240	ng/ul	0.00
Target Compounds						
					Qvalue	
17) N-Nitroso-di-n-propyla...	9.140	70	92858	50.049	ng/ul#	70
19) Hexachloroethane	9.398	117	103449	116.747	ng/ul#	4
23) Isophorone	10.009	82	103275	18.650	ng/ul#	1
26) 2,4-Dimethylphenol	10.297	107	10520	4.371	ng/ul#	40
29) 2,4-Dichlorophenol	10.732	162	3180	1.438	ng/ul#	29
30) Naphthalene	11.220	128	12186	1.541	ng/ul#	1
48) 2,6-Dinitrotoluene	14.516	165	5456	3.700	ng/ul#	79
55) 4-Nitrophenol	15.127	109	969	1.029	ng/ul#	1
80) Fluoranthene	19.792	202	197	1.889	ng/ul#	1
83) Butylbenzylphthalate	21.020	149	329	8.372	ng/ul#	31
84) 3,3'-Dichlorobenzidine	21.972	252	172	4.970	ng/ul#	73
85) Benzo(a)anthracene	22.060	228	182	1.751	ng/ul#	18
86) Bis(2-ethylhexyl)phtha...	21.889	149	184	3.129	ng/ul#	85
87) Chrysene	22.130	228	191	1.970	ng/ul#	50

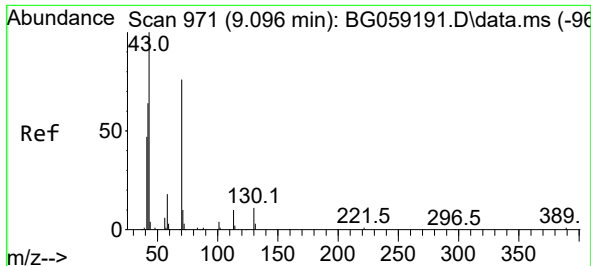
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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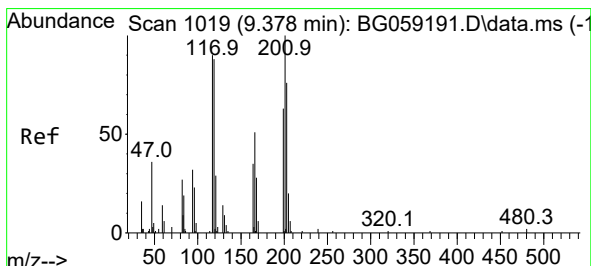
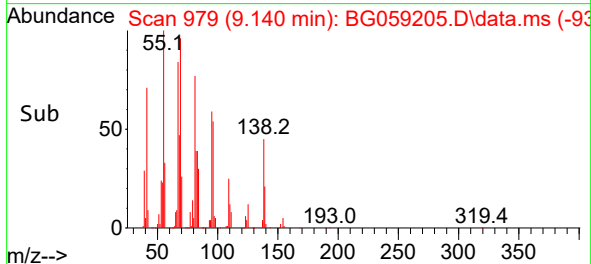
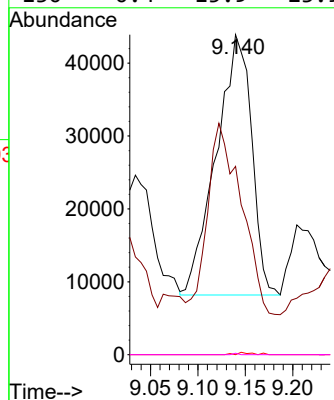
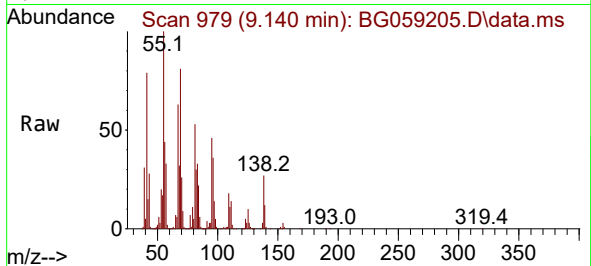




#17
N-Nitroso-di-n-propylamine
Concen: 50.049 ng/ul
RT: 9.140 min Scan# 91
Delta R.T. 0.040 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

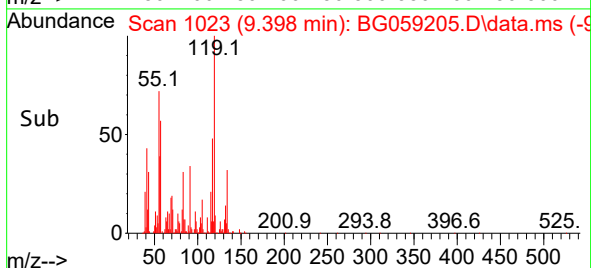
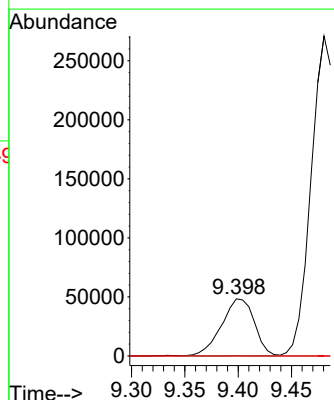
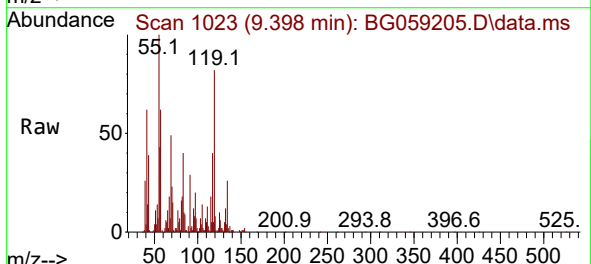
Instrument :
BNA_G
ClientSampleId :
BBHQ4

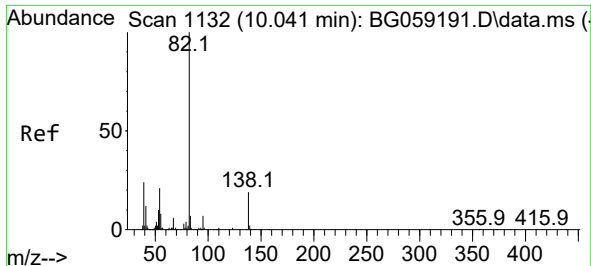
Tgt Ion: 70 Resp: 92858
Ion Ratio Lower Upper
70 100
42 58.9 67.1 100.7#
101 0.0 7.6 11.4#
130 0.4 15.9 23.9#



#19
Hexachloroethane
Concen: 116.747 ng/ul
RT: 9.398 min Scan# 1023
Delta R.T. 0.017 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

Tgt Ion: 117 Resp: 103449
Ion Ratio Lower Upper
117 100
201 0.4 86.4 129.6#
199 0.0 56.2 84.2#

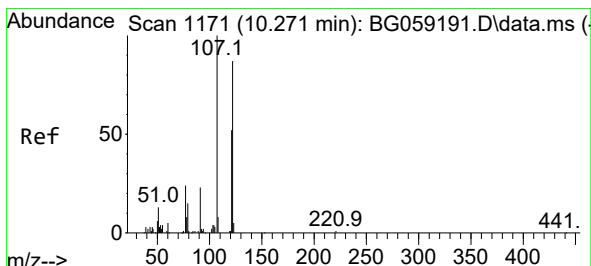
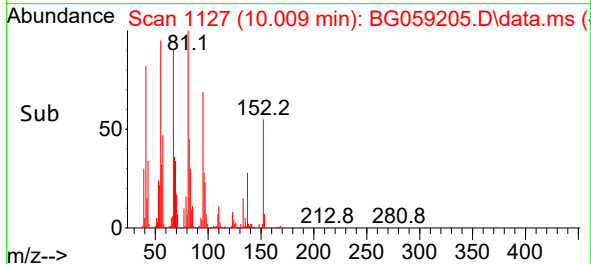
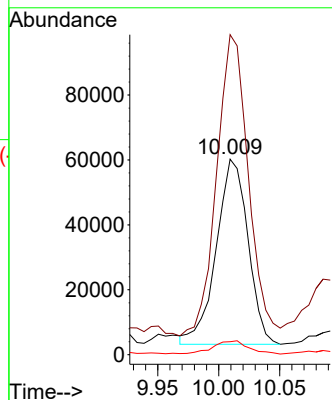
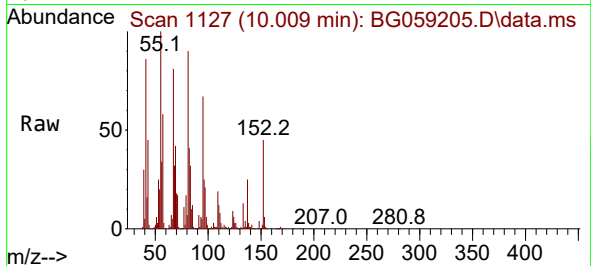




#23
Isophorone
Concen: 18.650 ng/ul
RT: 10.009 min Scan# 1127
Delta R.T. -0.030 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

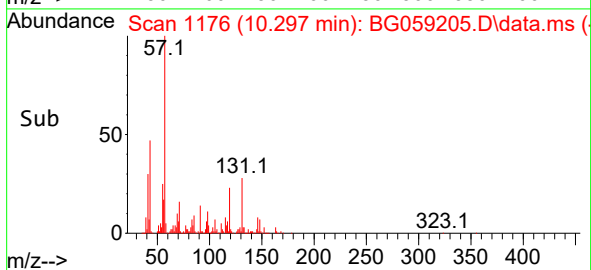
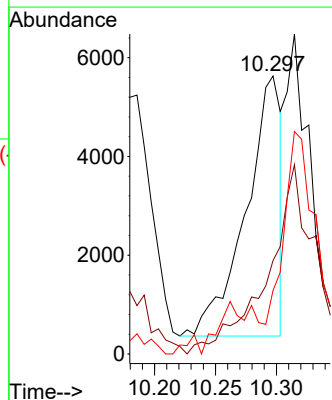
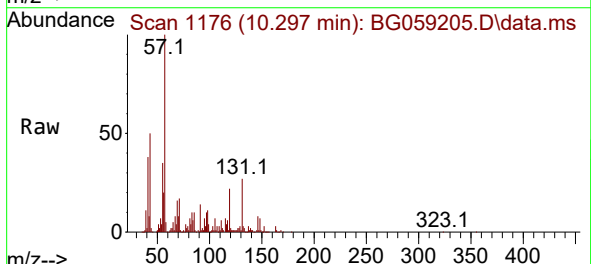
Instrument :
BNA_G
ClientSampleId :
BBHQ4

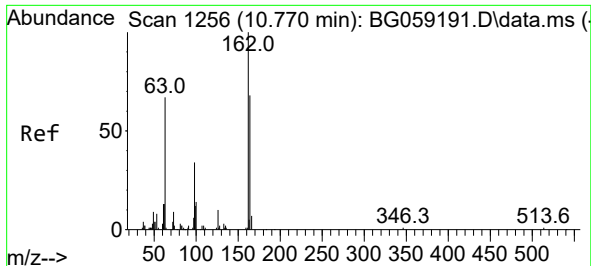
Tgt Ion: 82 Resp: 103275
Ion Ratio Lower Upper
82 100
95 163.6 5.4 8.2#
138 6.7 12.7 19.1#



#26
2,4-Dimethylphenol
Concen: 4.371 ng/ul
RT: 10.297 min Scan# 1176
Delta R.T. 0.028 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

Tgt Ion:107 Resp: 10520
Ion Ratio Lower Upper
107 100
121 33.6 41.4 62.0#
122 22.8 80.6 120.8#





#29

2,4-Dichlorophenol

Concen: 1.438 ng/ul

RT: 10.732 min Scan# 11

Delta R.T. -0.036 min

Lab File: BG059205.D

Acq: 26 Sep 2023 21:08

Instrument :

BNA_G

ClientSampleId :

BBHQ4

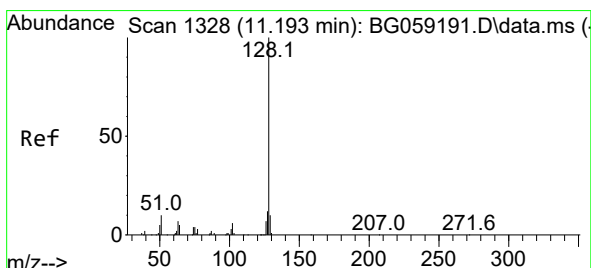
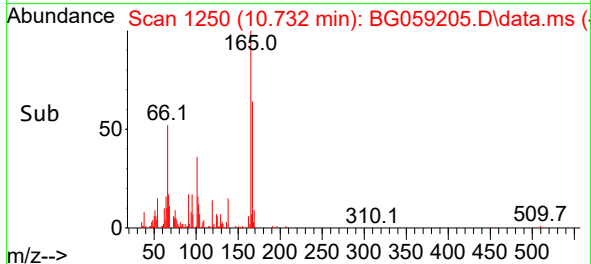
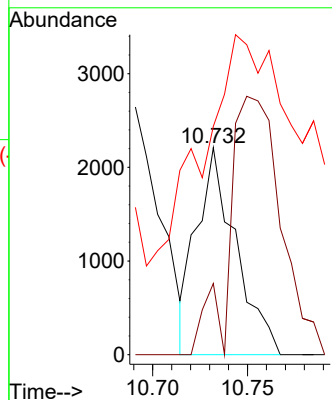
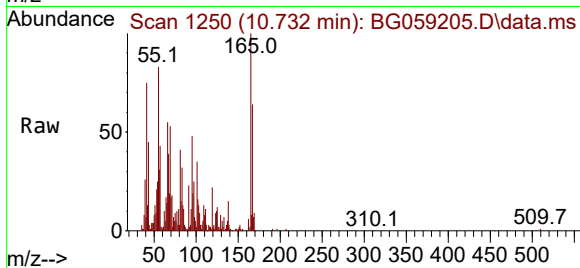
Tgt Ion:162 Resp: 3180

Ion Ratio Lower Upper

162 100

164 34.4 49.8 74.8#

98 110.3 25.9 38.9#



#30

Naphthalene

Concen: 1.541 ng/ul

RT: 11.220 min Scan# 1333

Delta R.T. 0.028 min

Lab File: BG059205.D

Acq: 26 Sep 2023 21:08

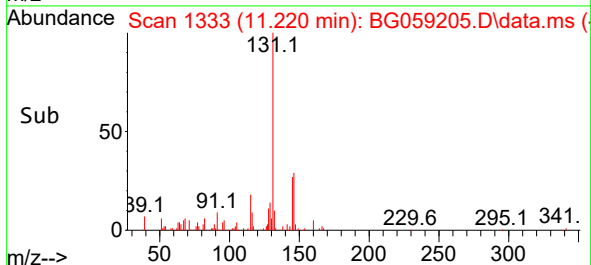
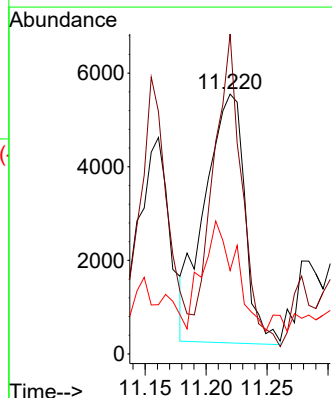
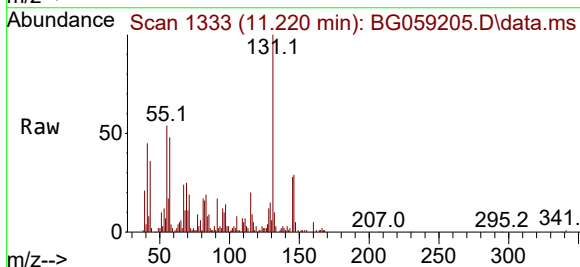
Tgt Ion:128 Resp: 12186

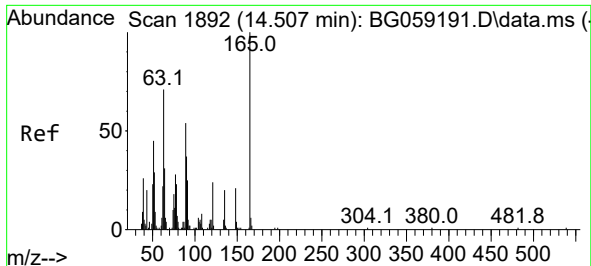
Ion Ratio Lower Upper

128 100

129 123.2 8.4 12.6#

127 32.1 10.2 15.4#

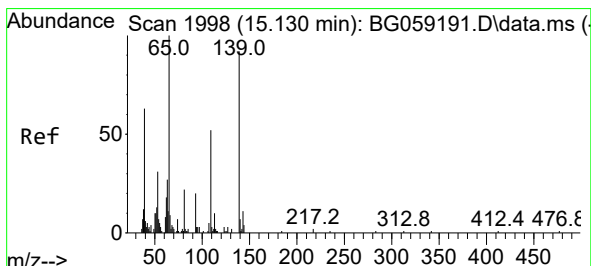
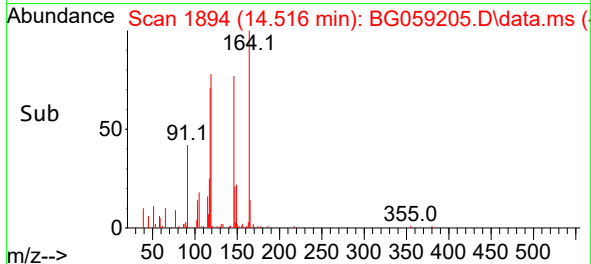
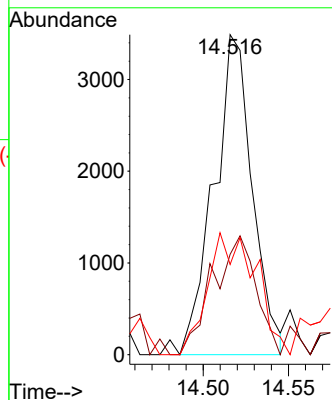
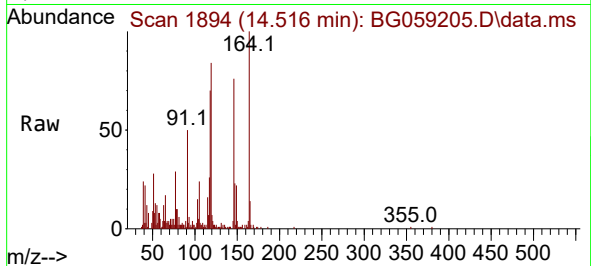




#48
2,6-Dinitrotoluene
Concen: 3.700 ng/ul
RT: 14.516 min Scan# 1894
Delta R.T. 0.005 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

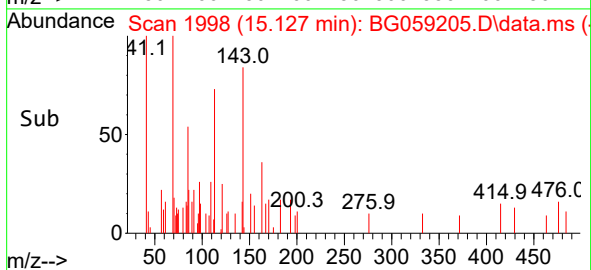
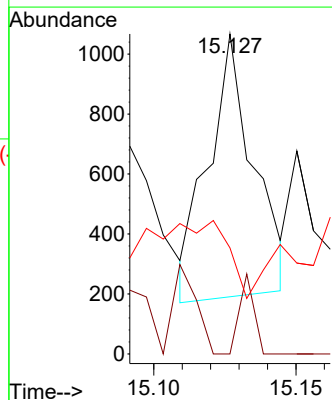
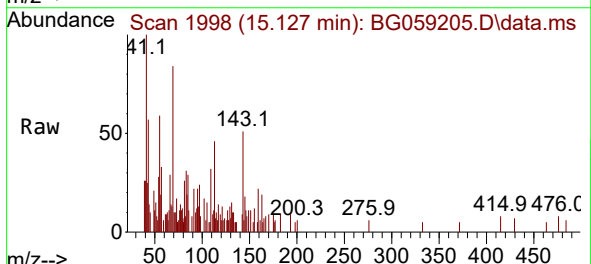
Instrument :
BNA_G
ClientSampleId :
BBHQ4

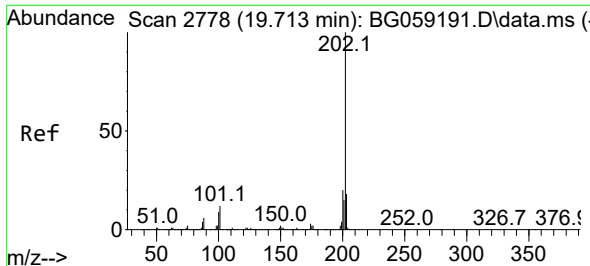
Tgt Ion:165 Resp: 5456
Ion Ratio Lower Upper
165 100
89 35.9 38.7 58.1#
121 28.2 13.4 20.0#



#55
4-Nitrophenol
Concen: 1.029 ng/ul
RT: 15.127 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

Tgt Ion:109 Resp: 969
Ion Ratio Lower Upper
109 100
139 0.0 114.5 171.7#
65 33.2 132.1 198.1#

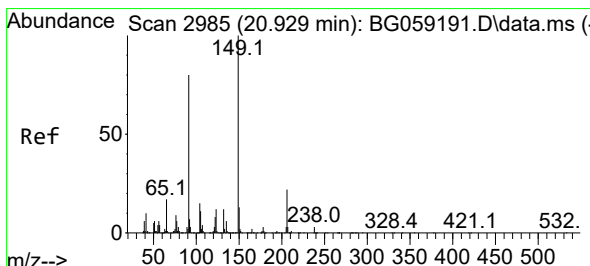
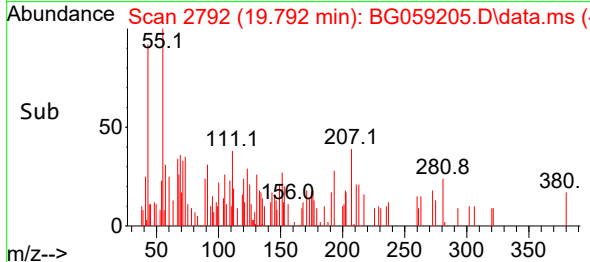
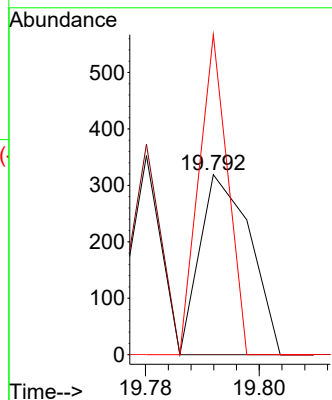
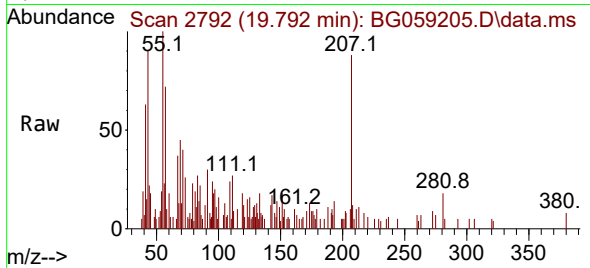




#80
Fluoranthene
Concen: 1.889 ng/ul
RT: 19.792 min Scan# 21
Delta R.T. 0.081 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

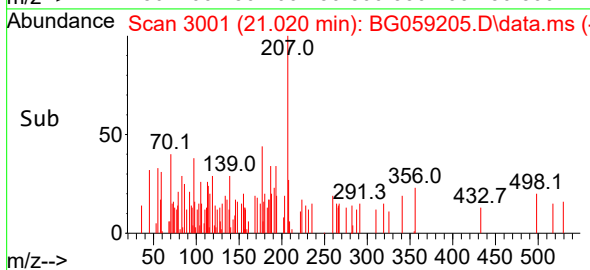
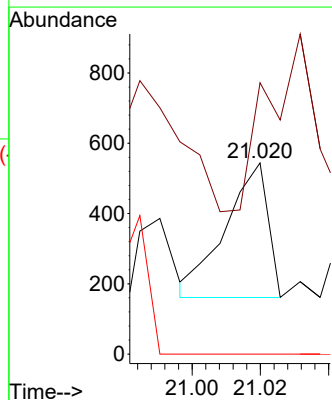
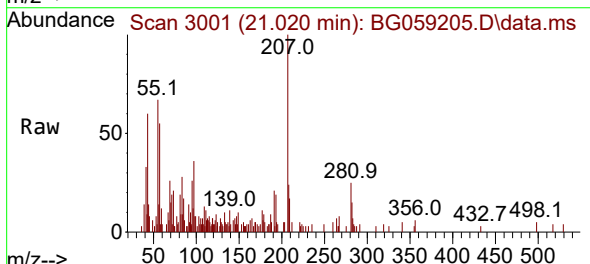
Instrument :
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ClientSampleId :
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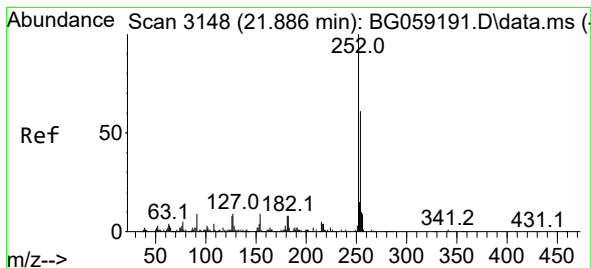
Tgt Ion:202 Resp: 197
Ion Ratio Lower Upper
202 100
101 0.0 9.2 13.8#
100 92.2 7.7 11.5#



#83
Butylbenzylphthalate
Concen: 8.372 ng/ul
RT: 21.020 min Scan# 3001
Delta R.T. 0.087 min
Lab File: BG059205.D
Acq: 26 Sep 2023 21:08

Tgt Ion:149 Resp: 329
Ion Ratio Lower Upper
149 100
91 141.9 61.2 91.8#
206 0.0 15.8 23.6#





#84

3,3'-Dichlorobenzidine

Concen: 4.970 ng/ul

RT: 21.972 min Scan# 3148

Delta R.T. 0.087 min

Lab File: BG059205.D

Acq: 26 Sep 2023 21:08

Instrument :

BNA_G

ClientSampleId :

BBHQ4

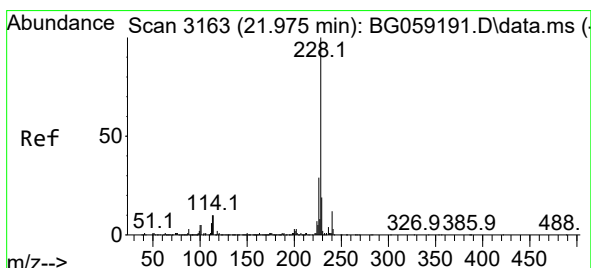
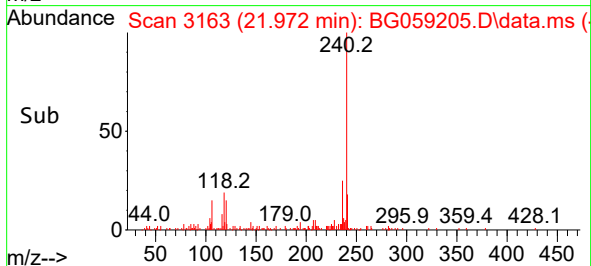
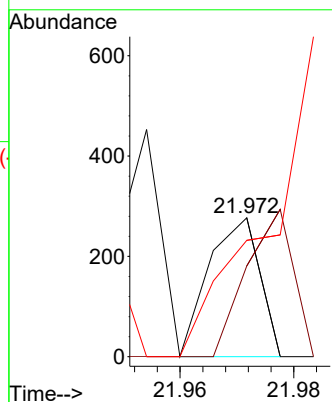
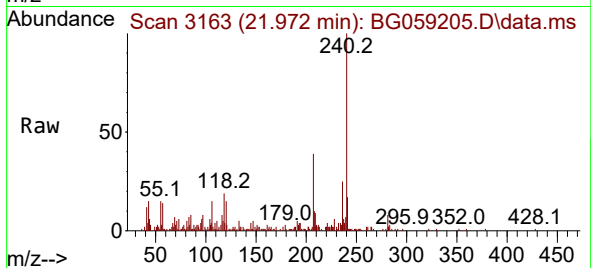
Tgt Ion:252 Resp: 172

Ion Ratio Lower Upper

252 100

254 65.3 52.4 78.6

126 83.8 8.2 12.2#



#85

Benzo(a)anthracene

Concen: 1.751 ng/ul

RT: 22.060 min Scan# 3178

Delta R.T. 0.093 min

Lab File: BG059205.D

Acq: 26 Sep 2023 21:08

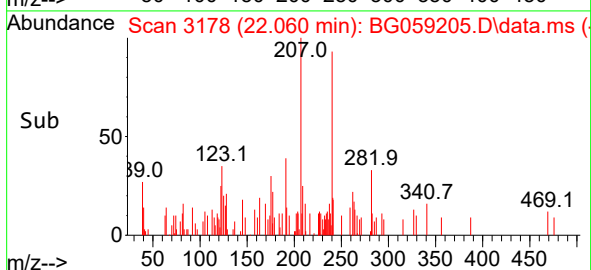
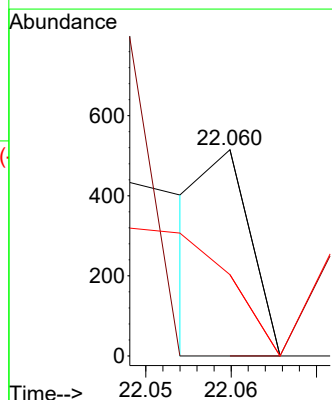
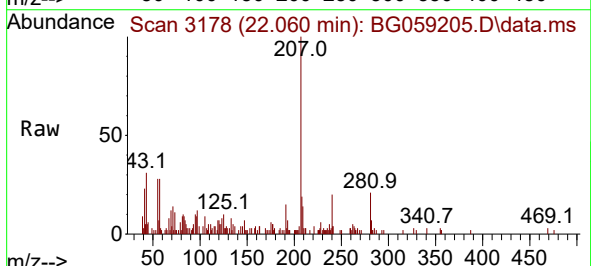
Tgt Ion:228 Resp: 182

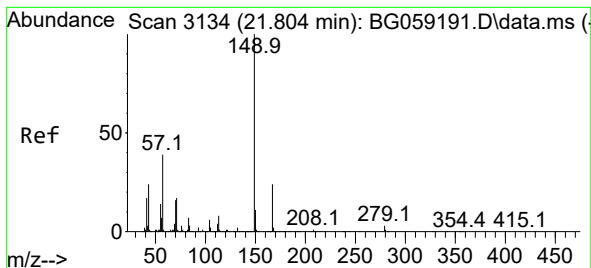
Ion Ratio Lower Upper

228 100

229 0.0 16.1 24.1#

226 82.3 20.6 30.8#

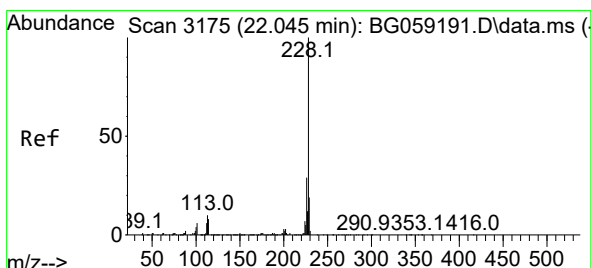
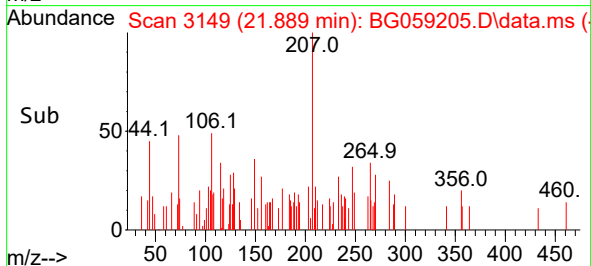
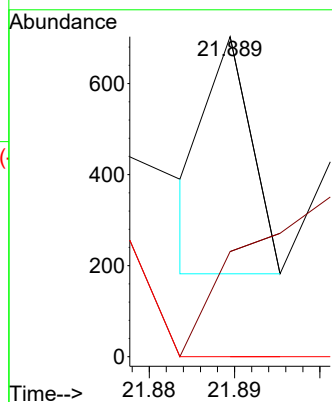
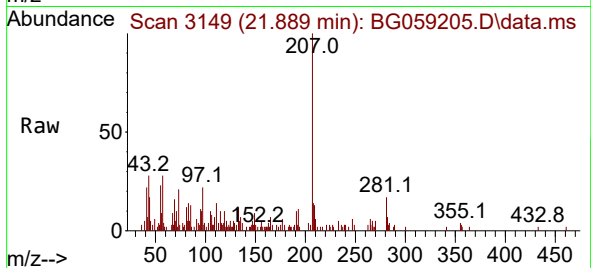




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 3.129 ng/ul
 RT: 21.889 min Scan# 3134
 Delta R.T. 0.087 min
 Lab File: BG059205.D
 Acq: 26 Sep 2023 21:08

Instrument :
 BNA_G
 ClientSampleId :
 BBHQ4

Tgt Ion:149 Resp: 184
 Ion Ratio Lower Upper
 149 100
 167 32.9 20.2 30.4#
 279 0.0 3.2 4.8#



#87
 Chrysene
 Concen: 1.970 ng/ul
 RT: 22.130 min Scan# 3190
 Delta R.T. 0.081 min
 Lab File: BG059205.D
 Acq: 26 Sep 2023 21:08

Tgt Ion:228 Resp: 191
 Ion Ratio Lower Upper
 228 100
 226 0.0 23.3 34.9#
 229 0.0 15.6 23.4#

