

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072623\  
 Data File : BG058481.D  
 Acq On : 26 Jul 2023 16:27  
 Operator : MA/JU  
 Sample : PB154055BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jul 27 02:16:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 26 17:43:09 2023  
 Response via : Initial Calibration

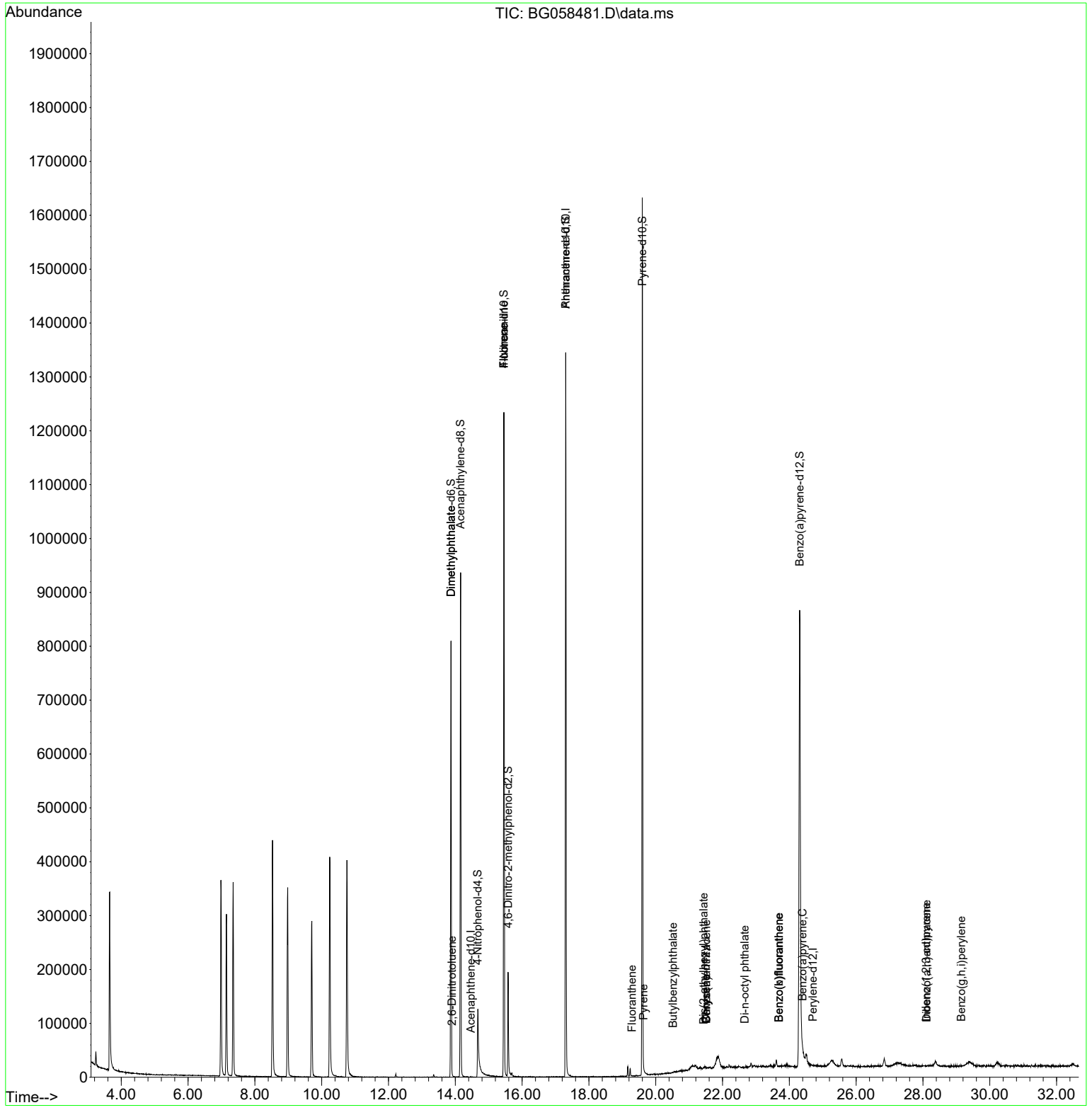
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.82
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.62
38) Acenaphthene-d10	14.462	164	167	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.306	188	831845	20.000	ng/ul	0.09
79) Chrysene-d12	21.501	240	168	20.000	ng/ul	# 0.05
88) Perylene-d12	24.703	264	173	20.000	ng/ul	# 0.18
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13034	0.000	ng/uL	0.00
4) Pyridine-d5	3.651	84	200838	0.000	ng/ul	0.00
7) Phenol-d5	6.983	99	236551	0.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.147	67	147530	0.000	ng/ul	0.00
11) 2-Chlorophenol-d4	7.347	132	172336	0.000	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	178724	0.000	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	89822	0.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	101530	0.000	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.238	165	171305	0.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	241497	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	573179	44509.024	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	662480	49089.115	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	49688	25548.710	ng/ul	0.00
60) Fluorene-d10	15.455	176	506606	47516.239	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	48077	11.344	ng/ul	0.00
73) Anthracene-d10	17.306	188	833710	23.195	ng/ul	0.00
81) Pyrene-d10	19.597	212	984924	99260.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	672468	80423.132	ng/ul	0.00
Target Compounds						
47) Dimethylphthalate	13.869	163	530	40.974	ng/ul#	1
48) 2,6-Dinitrotoluene	13.898	165	85	34.006	ng/ul#	29
61) Fluorene	15.455	166	1130	95.680	ng/ul#	3
63) 4-Nitroaniline	15.455	138	259	137.410	ng/ul#	1
80) Fluoranthene	19.286	202	56	4.926	ng/ul#	73
82) Pyrene	19.633	202	99	8.595	ng/ul#	23
83) Butylbenzylphthalate	20.520	149	487	107.377	ng/ul#	85
85) Benzo(a)anthracene	21.513	228	1353	119.818	ng/ul#	77
86) Bis(2-ethylhexyl)phtha...	21.431	149	111	17.207	ng/ul#	53
87) Chrysene	21.513	228	1353	126.320	ng/ul#	80
89) Di-n-octyl phthalate	22.664	149	268	29.115	ng/ul	100
90) Benzo(b)fluoranthene	23.687	252	111	11.089	ng/ul#	60
91) Benzo(k)fluoranthene	23.687	252	111	11.119	ng/ul#	59
93) Benzo(a)pyrene	24.392	252	406	45.603	ng/ul#	24
94) Indeno(1,2,3-cd)pyrene	28.093	276	140	11.935	ng/ul#	55
95) Dibenzo(a,h)anthracene	28.111	278	132	13.723	ng/ul#	58
96) Benzo(g,h,i)perylene	29.151	276	84	8.789	ng/ul#	55

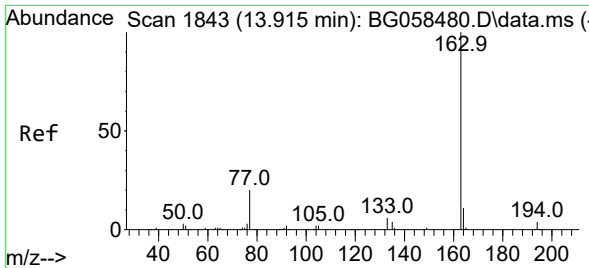
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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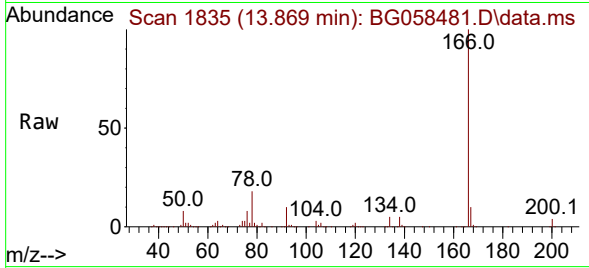
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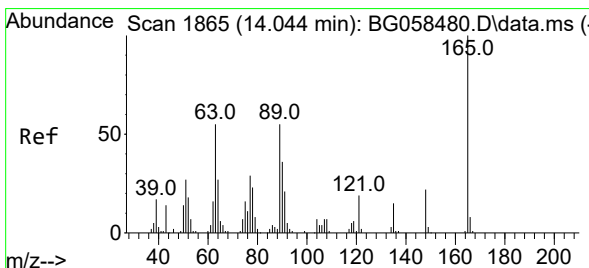
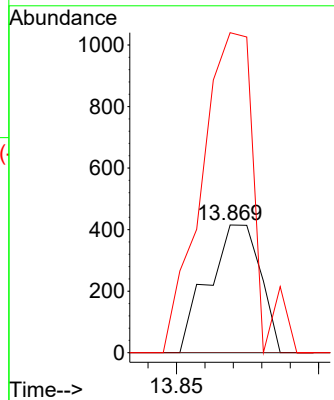
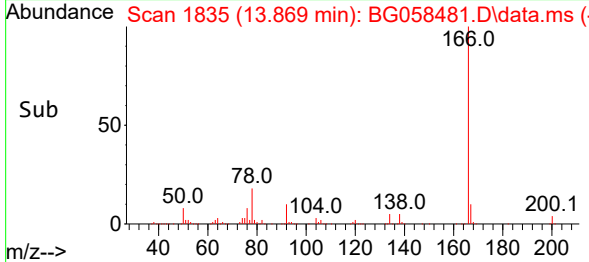


#47  
 Dimethylphthalate  
 Concen: 40.974 ng/ul  
 RT: 13.869 min Scan# 1835  
 Delta R.T. -0.048 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

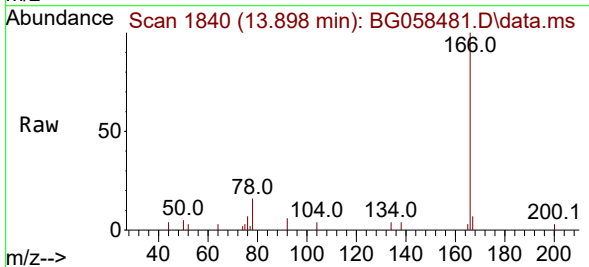
Instrument :  
 BNA\_G  
 ClientSampleId :



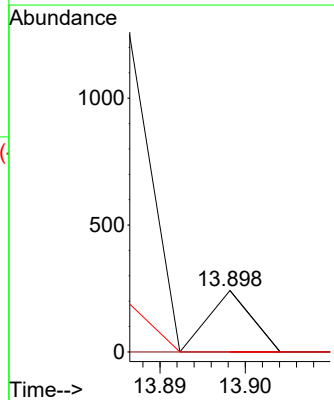
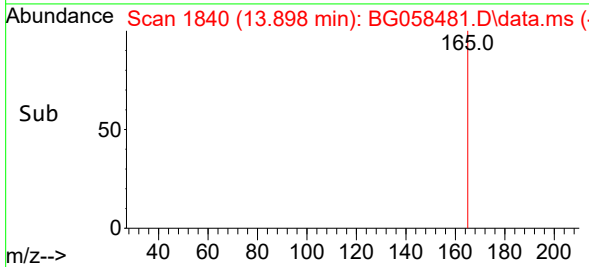
Tgt Ion:163 Resp: 530  
 Ion Ratio Lower Upper  
 163 100  
 194 0.0 2.6 3.8#  
 164 250.6 8.2 12.2#

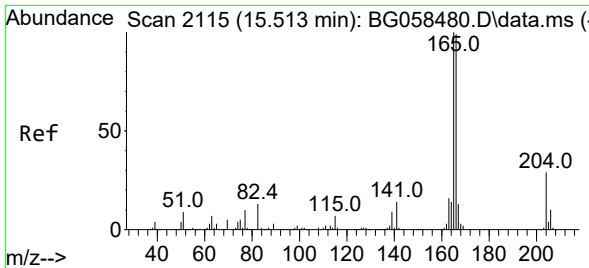


#48  
 2,6-Dinitrotoluene  
 Concen: 34.006 ng/ul  
 RT: 13.898 min Scan# 1840  
 Delta R.T. -0.148 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27



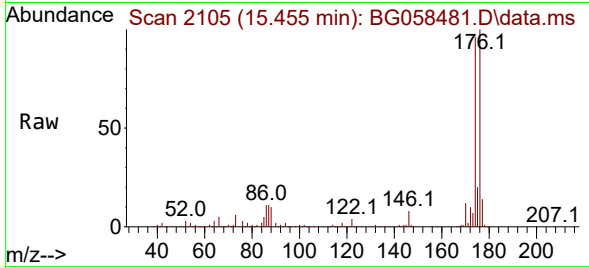
Tgt Ion:165 Resp: 85  
 Ion Ratio Lower Upper  
 165 100  
 89 0.0 48.9 73.3#  
 121 0.0 16.2 24.4#



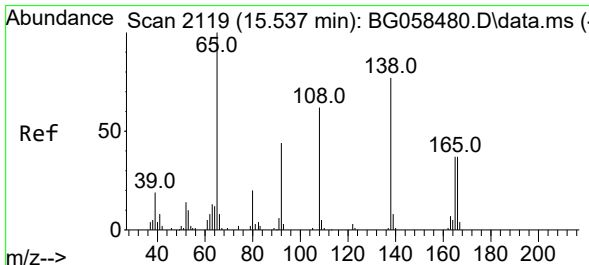
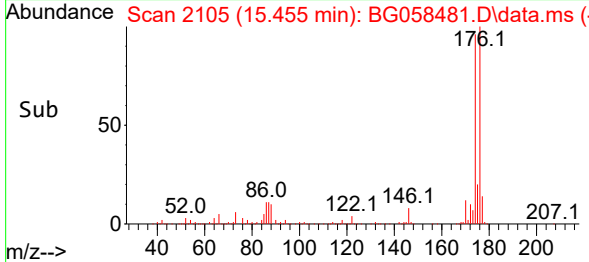
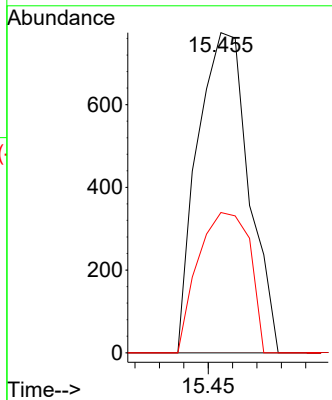


#61  
 Fluorene  
 Concen: 95.680 ng/ul  
 RT: 15.455 min Scan# 2105  
 Delta R.T. -0.060 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Instrument :  
 BNA\_G  
 ClientSampleId :

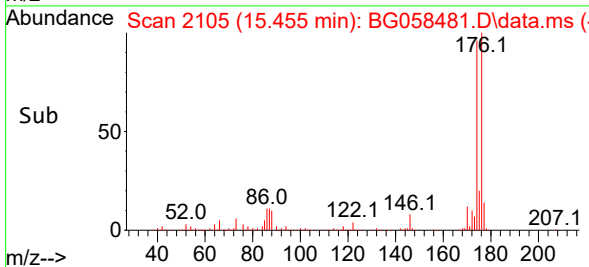
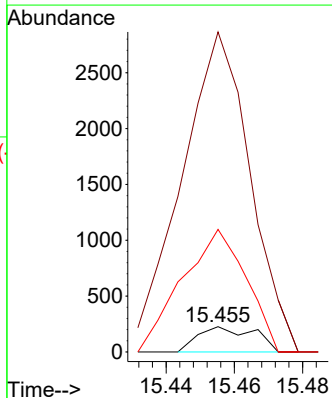
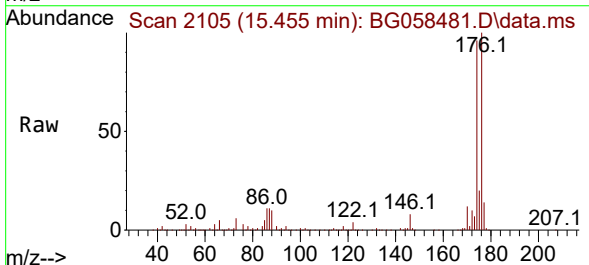


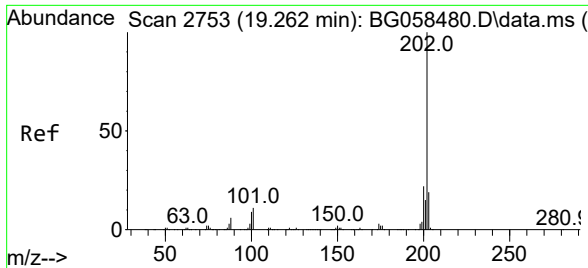
Tgt Ion:166 Resp: 1130  
 Ion Ratio Lower Upper  
 166 100  
 165 0.0 80.2 120.2#  
 167 43.8 10.5 15.7#



#63  
 4-Nitroaniline  
 Concen: 137.410 ng/ul  
 RT: 15.455 min Scan# 2105  
 Delta R.T. -0.089 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

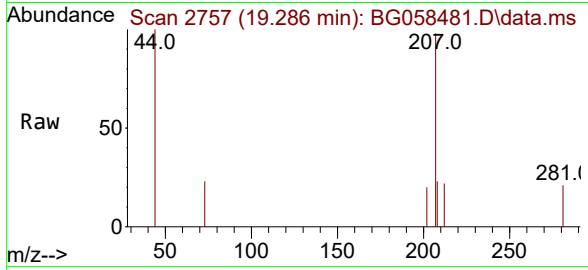
Tgt Ion:138 Resp: 259  
 Ion Ratio Lower Upper  
 138 100  
 92 1267.7 45.0 67.4#  
 108 485.8 60.8 91.2#





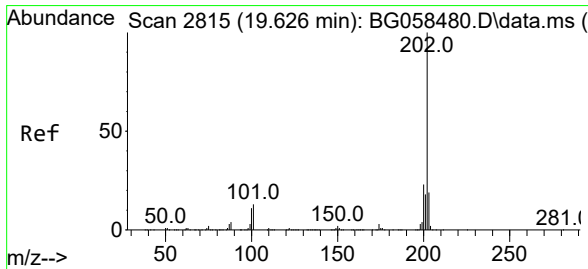
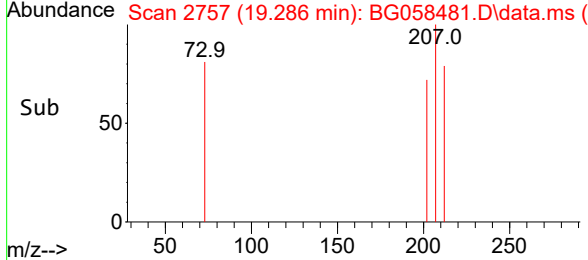
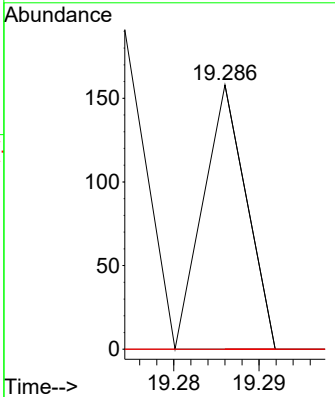
#80  
 Fluoranthene  
 Concen: 4.926 ng/uI  
 RT: 19.286 min Scan# 21  
 Delta R.T. 0.017 min  
 Lab File: BG058481.D  
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Tgt Ion: 202 Resp: 56

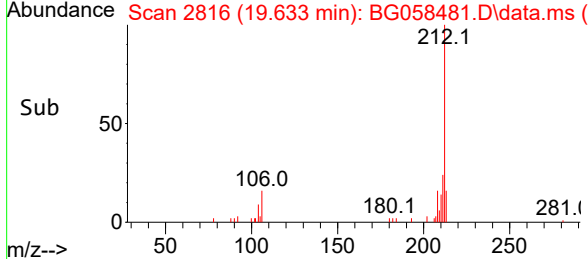
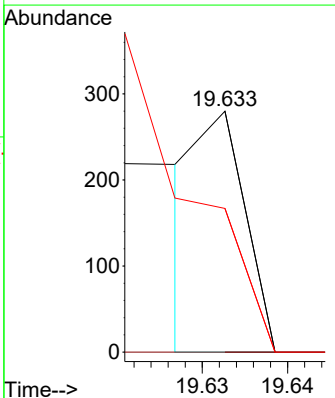
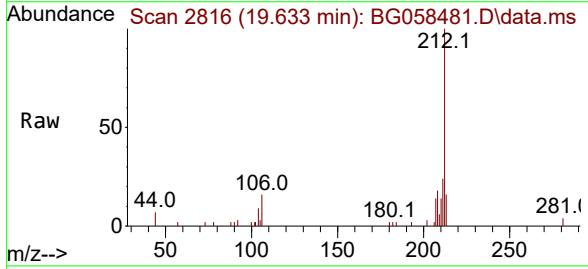
Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.6	12.8#
100	0.0	7.2	10.8#

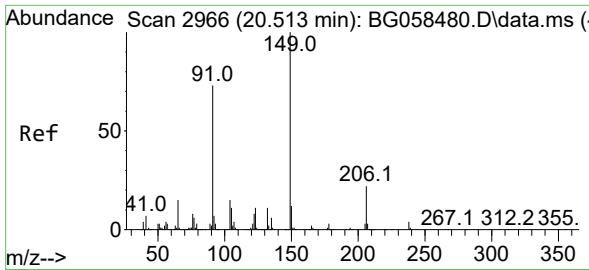


#82  
 Pyrene  
 Concen: 8.595 ng/uI  
 RT: 19.633 min Scan# 2816  
 Delta R.T. 0.005 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Tgt Ion: 202 Resp: 99

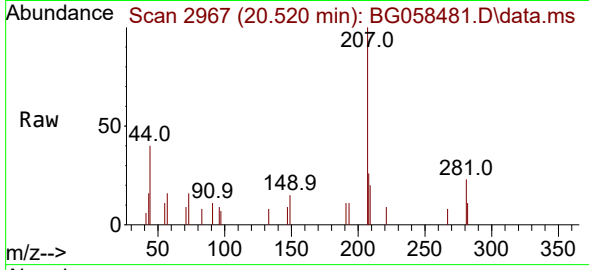
Ion	Ratio	Lower	Upper
202	100		
101	0.0	10.2	15.2#
100	59.6	8.9	13.3#



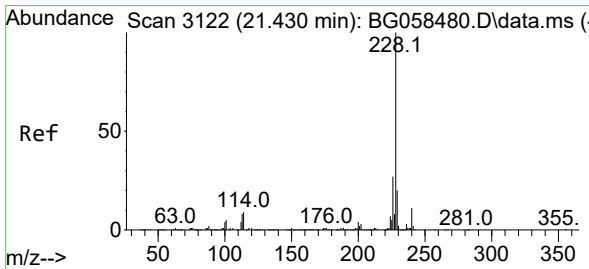
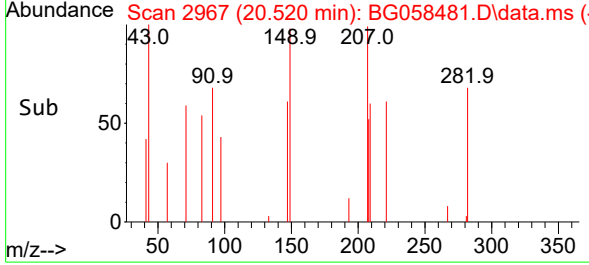
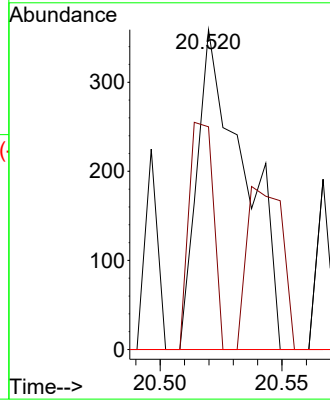


#83  
 Butylbenzylphthalate  
 Concen: 107.377 ng/ul  
 RT: 20.520 min Scan# 2967  
 Delta R.T. 0.005 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

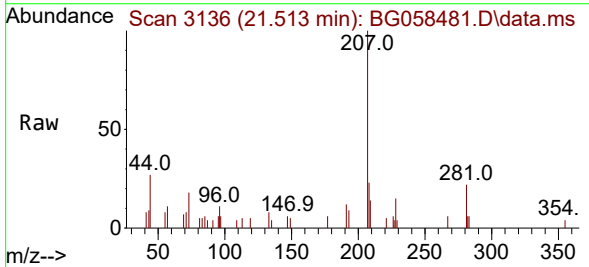
Instrument :  
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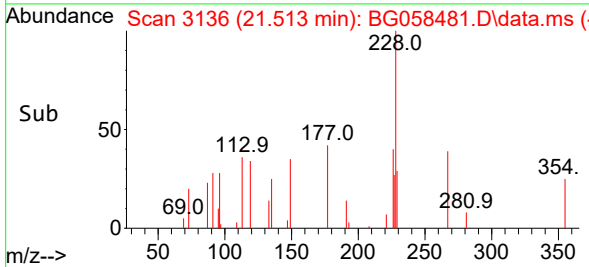
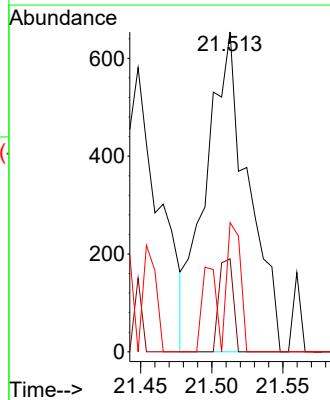
Tgt Ion	Resp	Lower	Upper
149	100		
91	69.6	59.9	89.9
206	0.0	16.9	25.3#

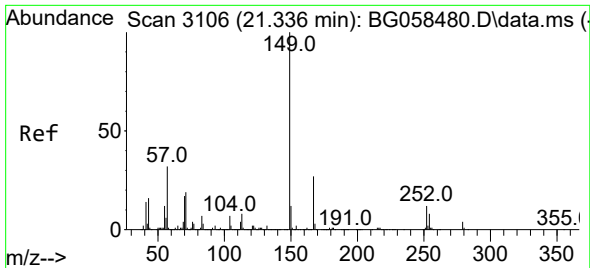


#85  
 Benzo(a)anthracene  
 Concen: 119.818 ng/ul  
 RT: 21.513 min Scan# 3136  
 Delta R.T. 0.081 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27



Tgt Ion	Resp	Lower	Upper
228	100		
229	29.1	15.7	23.5#
226	40.4	21.8	32.8#

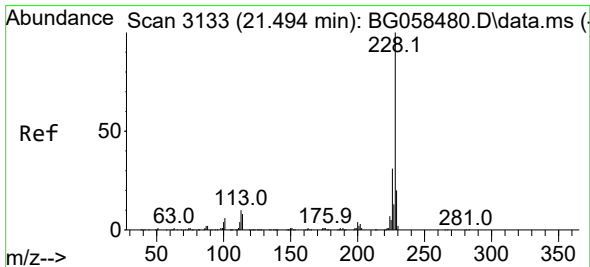
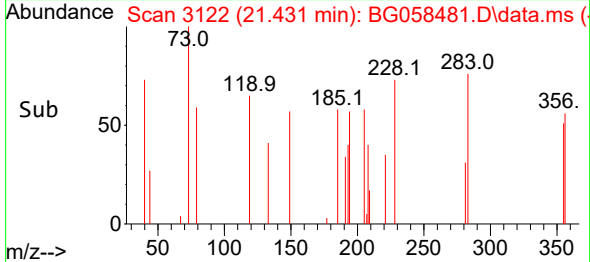
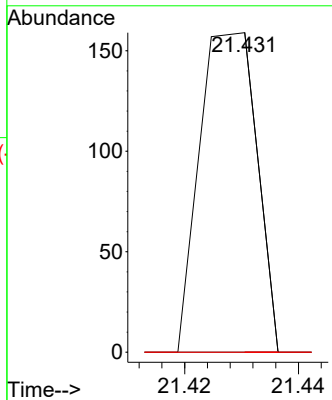
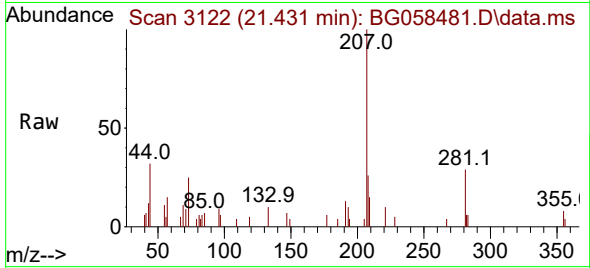




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 17.207 ng/ul  
 RT: 21.431 min Scan# 3111  
 Delta R.T. 0.093 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

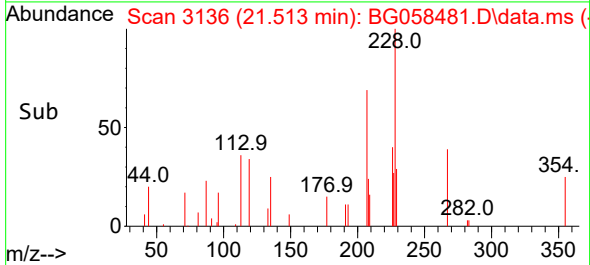
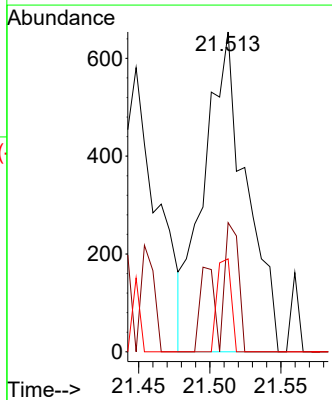
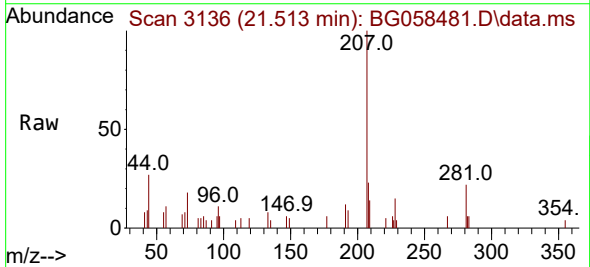
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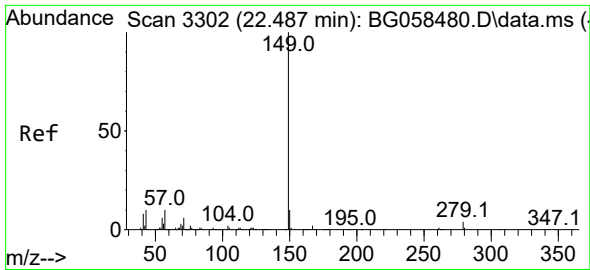
Tgt Ion	Resp	Lower	Upper
149	100		
167	0.0	21.6	32.4#
279	0.0	3.0	4.4#



#87  
 Chrysene  
 Concen: 126.320 ng/ul  
 RT: 21.513 min Scan# 3136  
 Delta R.T. 0.017 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Tgt Ion	Resp	Lower	Upper
228	100		
226	40.4	24.0	36.0#
229	29.1	15.8	23.8#

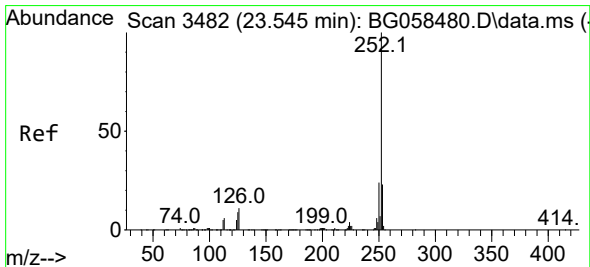
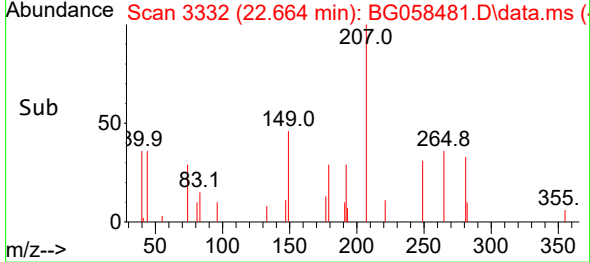
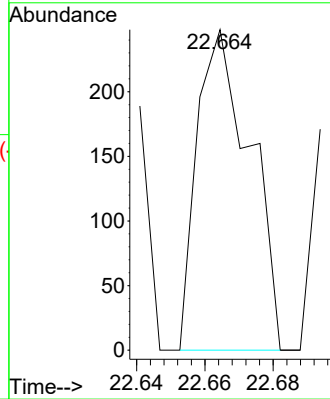
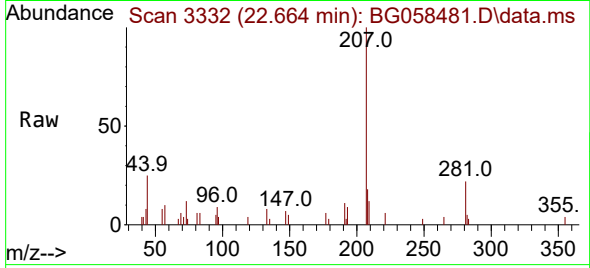




#89  
 Di-n-octyl phthalate  
 Concen: 29.115 ng/ul  
 RT: 22.664 min Scan# 31  
 Delta R.T. 0.175 min  
 Lab File: BG058481.D  
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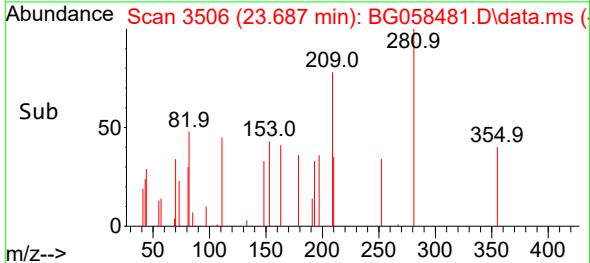
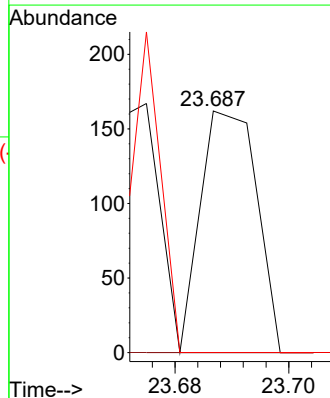
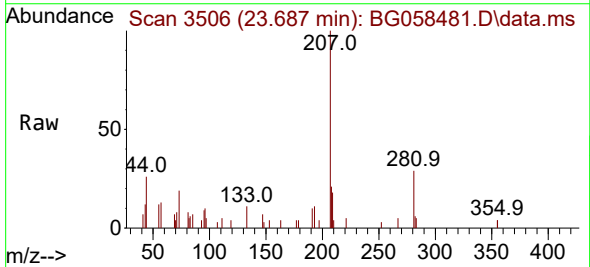
Tgt Ion:149 Resp: 268



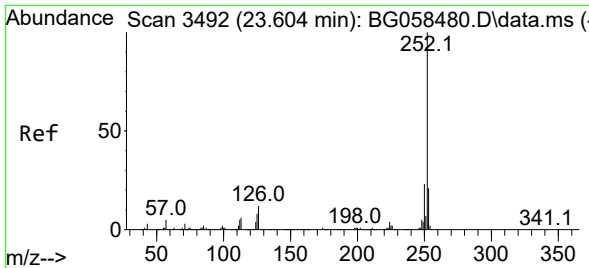
#90  
 Benzo(b)fluoranthene  
 Concen: 11.089 ng/ul  
 RT: 23.687 min Scan# 3506  
 Delta R.T. 0.140 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Tgt Ion:252 Resp: 111

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.9	26.9#
125	0.0	6.7	10.1#

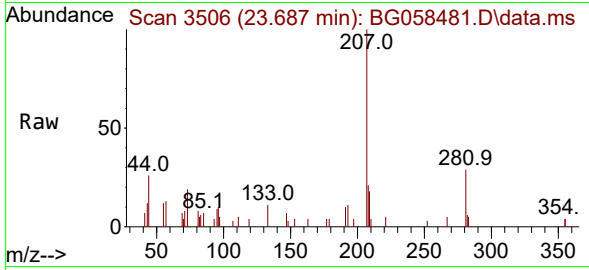




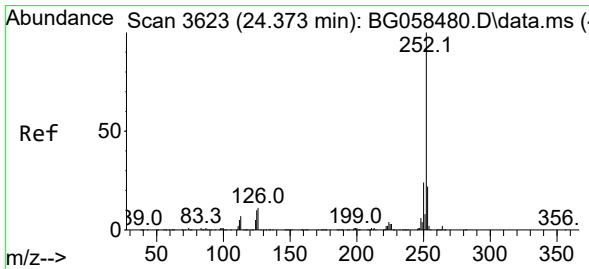
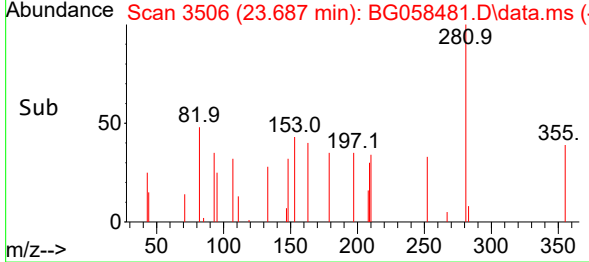
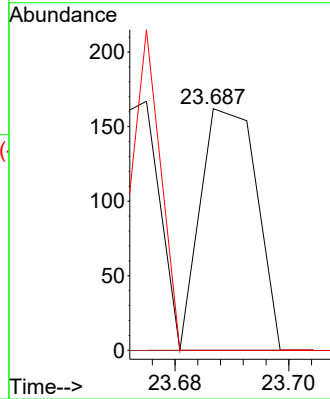


#91  
 Benzo(k)fluoranthene  
 Concen: 11.119 ng/ul  
 RT: 23.687 min Scan# 31  
 Delta R.T. 0.075 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

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 ClientSampleId :

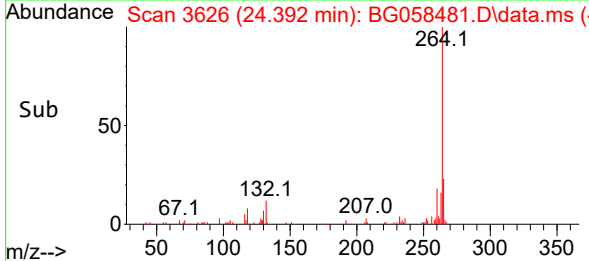
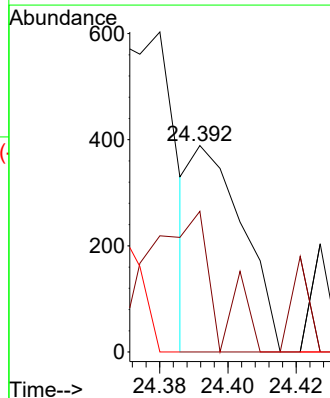
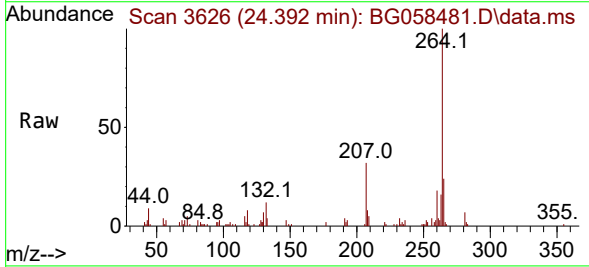


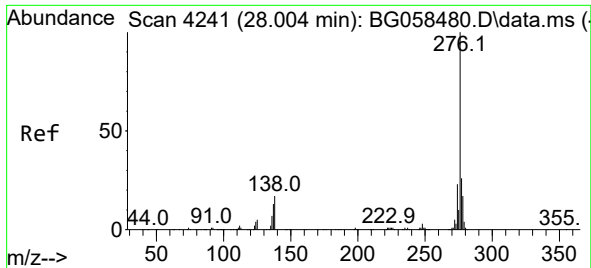
Tgt Ion:252 Resp: 111  
 Ion Ratio Lower Upper  
 252 100  
 253 0.0 18.3 27.5#  
 125 0.0 7.4 11.0#



#93  
 Benzo(a)pyrene  
 Concen: 45.603 ng/ul  
 RT: 24.392 min Scan# 3626  
 Delta R.T. 0.017 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

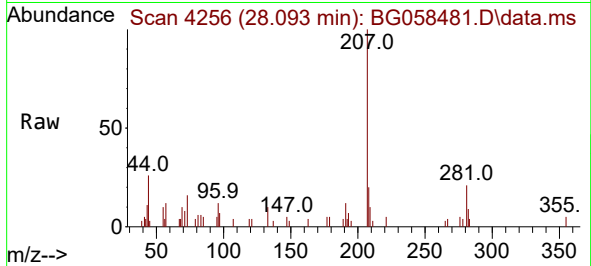
Tgt Ion:252 Resp: 406  
 Ion Ratio Lower Upper  
 252 100  
 253 68.1 17.4 26.0#  
 125 0.0 7.7 11.5#



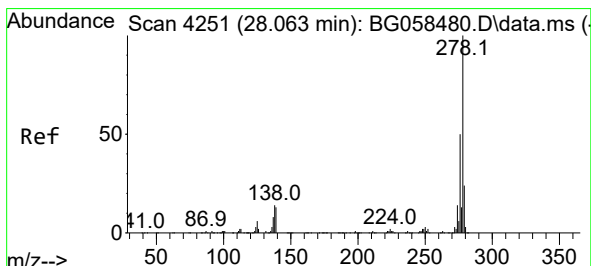
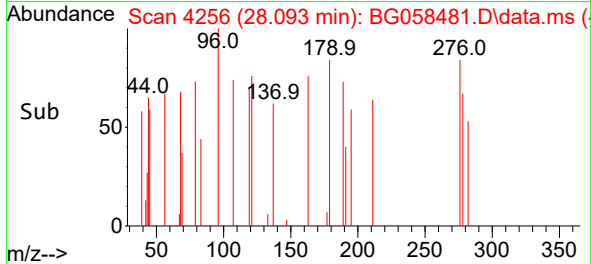
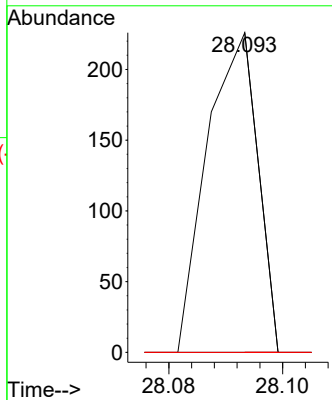


#94  
 Indeno(1,2,3-cd)pyrene  
 Concen: 11.935 ng/ul  
 RT: 28.093 min Scan# 41  
 Delta R.T. 0.081 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Instrument :  
 BNA\_G  
 ClientSampleId :

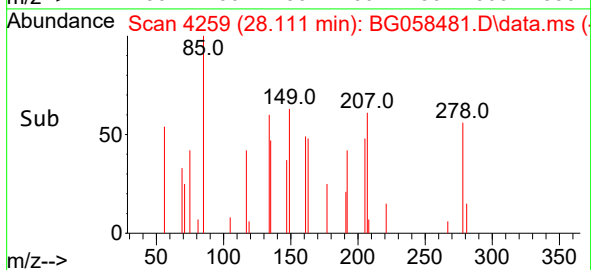
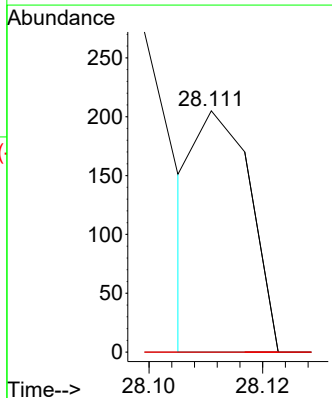
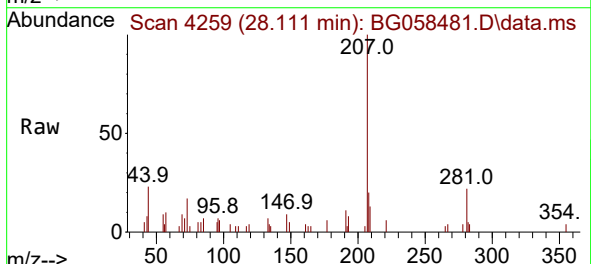


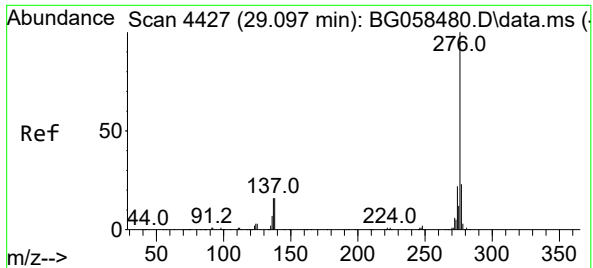
Tgt Ion:276 Resp: 140  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 13.8 20.6#  
 277 0.0 19.2 28.8#



#95  
 Dibenzo(a,h)anthracene  
 Concen: 13.723 ng/ul  
 RT: 28.111 min Scan# 4259  
 Delta R.T. 0.040 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Tgt Ion:278 Resp: 132  
 Ion Ratio Lower Upper  
 278 100  
 139 0.0 10.4 15.6#  
 279 0.0 18.4 27.6#





#96  
 Benzo(g,h,i)perylene  
 Concen: 8.789 ng/ul  
 RT: 29.151 min Scan# 44  
 Delta R.T. 0.040 min  
 Lab File: BG058481.D  
 Acq: 26 Jul 2023 16:27

Instrument :  
 BNA\_G  
 ClientSampleId :

Tgt Ion	Resp	Lower	Upper
276	100		
138	0.0	13.5	20.3#
277	0.0	19.4	29.2#

