

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_P
 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)

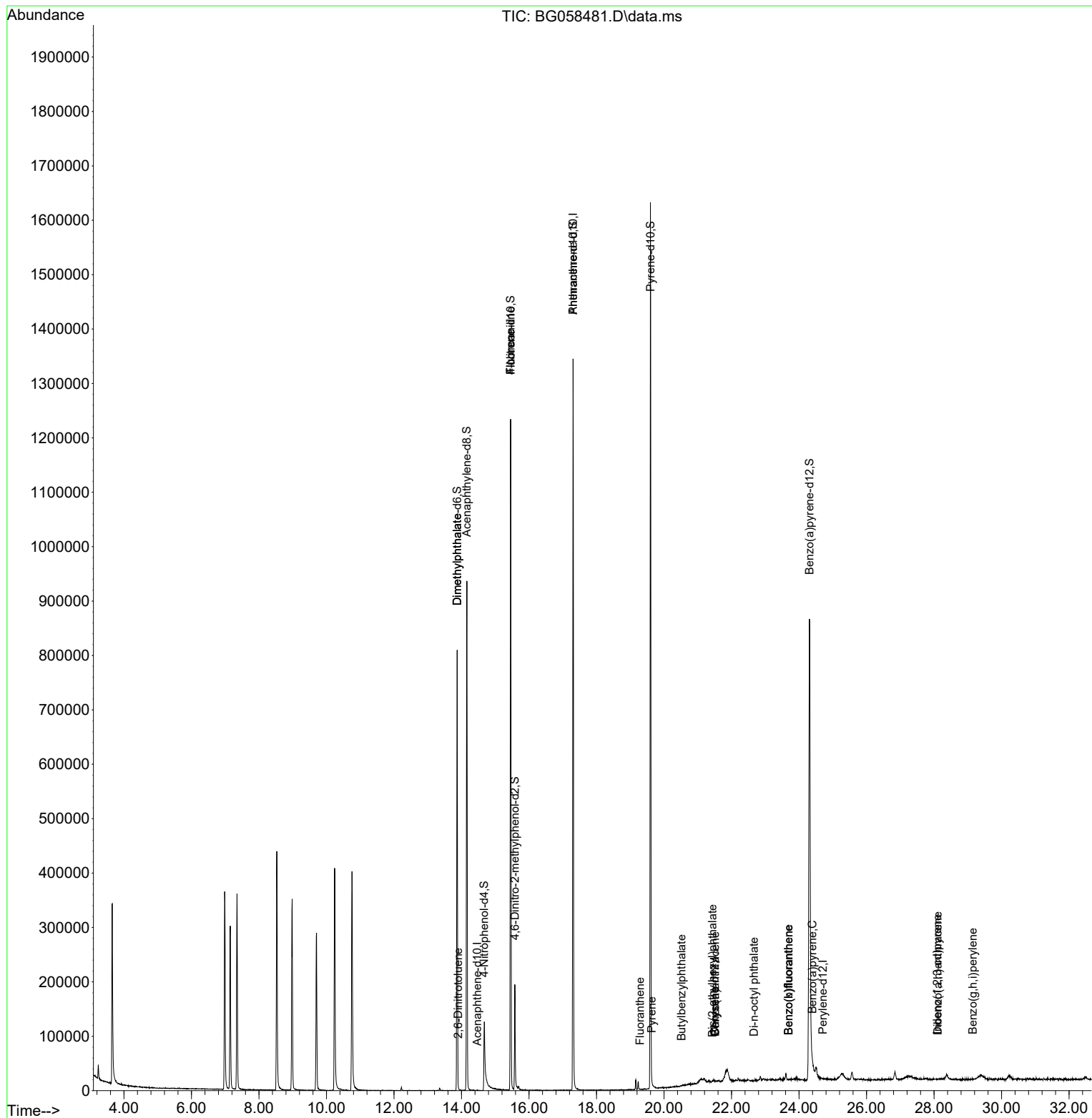
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng/ul	-7.82
20) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.62
38) Acenaphthene-d10	14.462	164	167	20.000	ng/ul	# 0.00
64) Phenanthrene-d10	17.306	188	831845	20.000	ng/ul	0.09
79) Chrysene-d12	21.501	240	168	20.000	ng/ul	# 0.05
88) Perylene-d12	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						
					Qvalue	
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

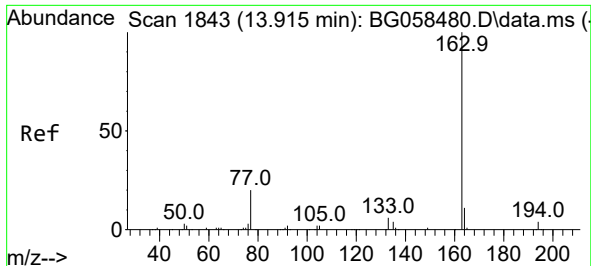
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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_P
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





#47

Dimethylphthalate

Concen: 40.974 ng/ul

RT: 13.869 min Scan# 1

Delta R.T. -0.048 min

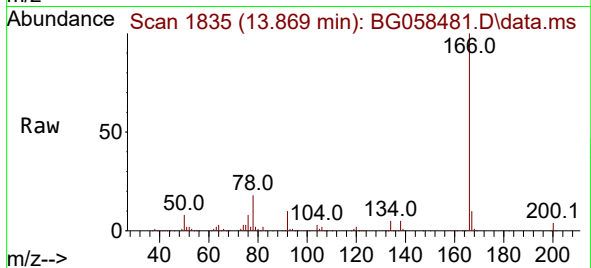
Lab File: BG058481.D

Acq: 26 Jul 2023 16:27

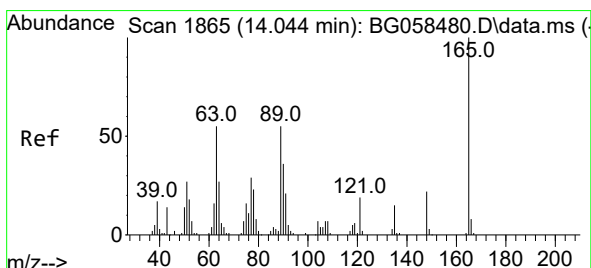
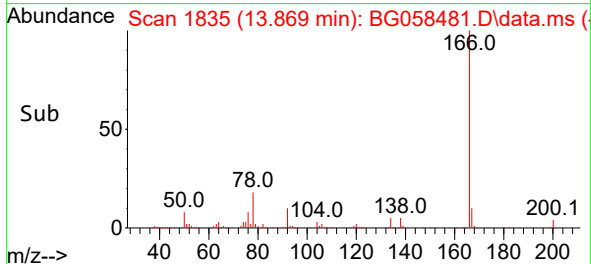
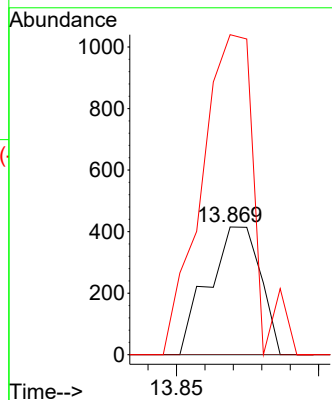
Instrument :

BNA_P

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

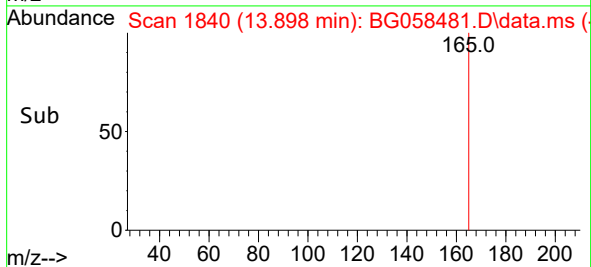
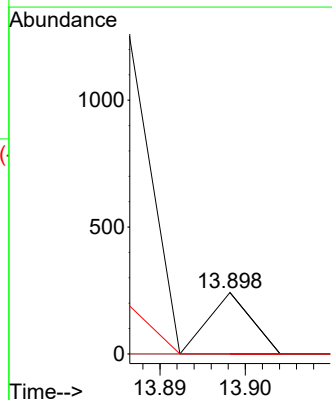
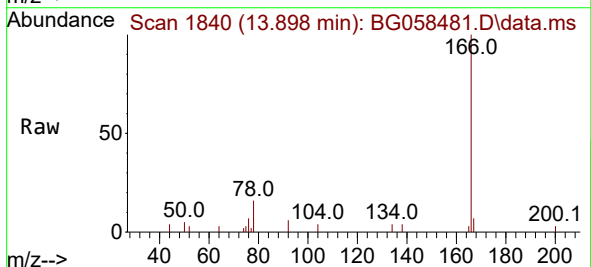
RT: 13.898 min Scan# 1840

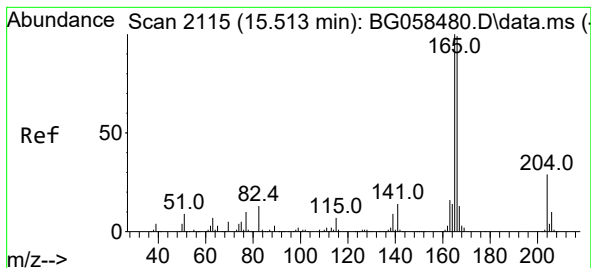
Delta R.T. -0.148 min

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# 2115

Delta R.T. -0.060 min

Lab File: BG058481.D

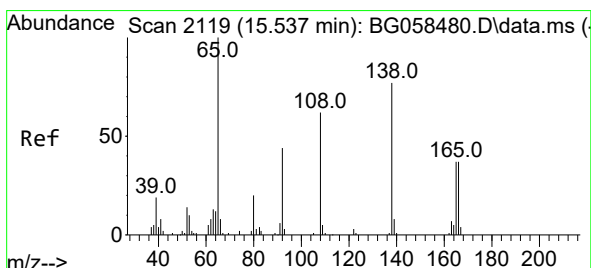
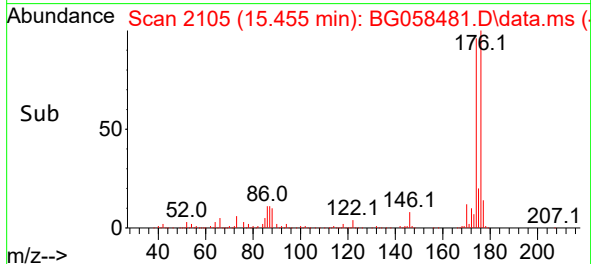
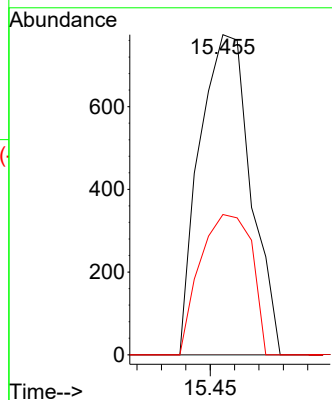
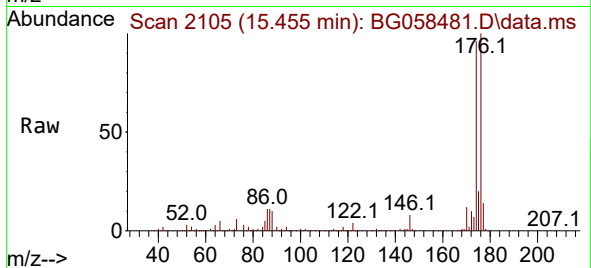
Acq: 26 Jul 2023 16:27

Instrument :

BNA_P

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

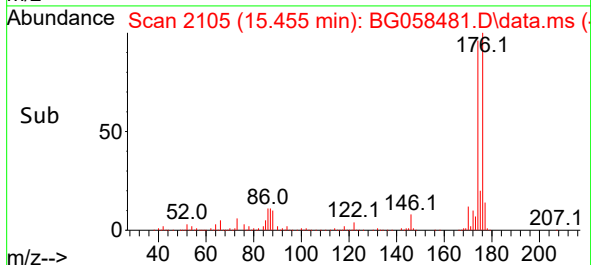
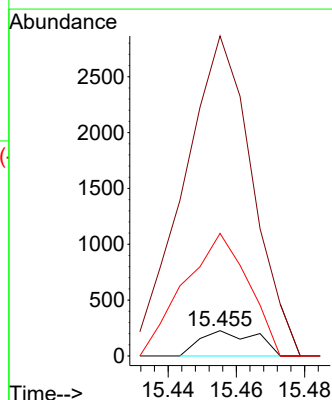
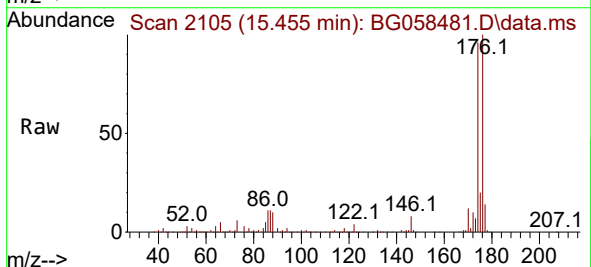
RT: 15.455 min Scan# 2105

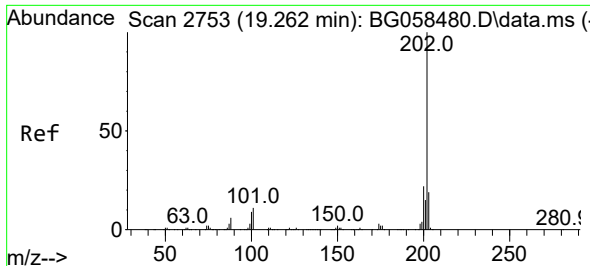
Delta R.T. -0.089 min

Lab File: BG058481.D

Acq: 26 Jul 2023 16:27

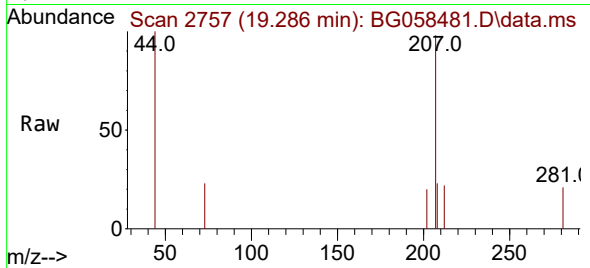
Tgt Ion:138 Resp: 259
 Ion Ratio Lower Upper
 138 100
 92 1267.7 45.0 67.4#
 108 485.8 60.8 91.2#



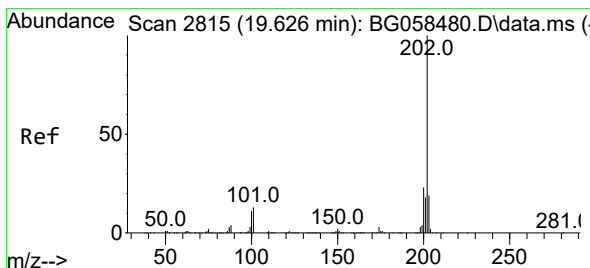
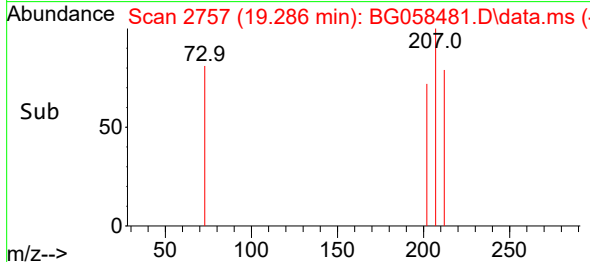
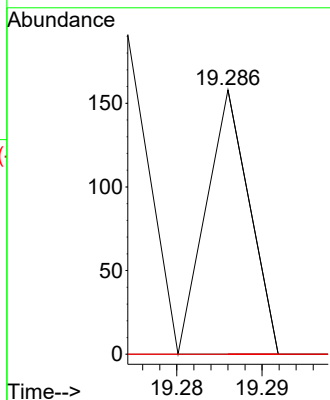


#80
Fluoranthene
Concen: 4.926 ng/ul
RT: 19.286 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG058481.D
Acq: 26 Jul 2023 16:27

Instrument :
BNA_P
ClientSampleId :

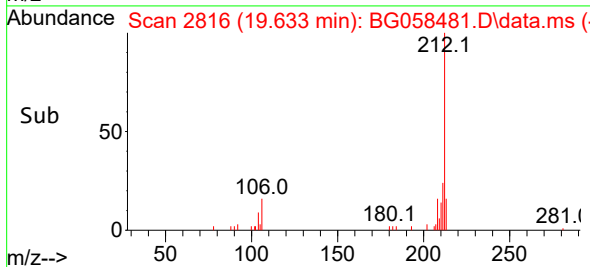
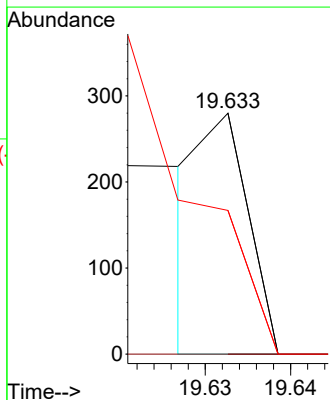
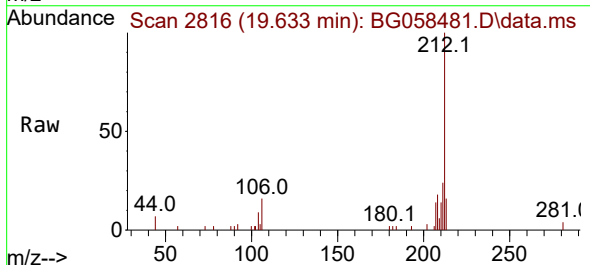


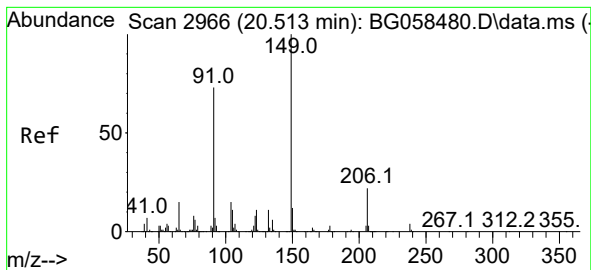
Tgt Ion:202 Resp: 56
Ion Ratio Lower Upper
202 100
101 0.0 8.6 12.8#
100 0.0 7.2 10.8#



#82
Pyrene
Concen: 8.595 ng/ul
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 :

BNA_P

ClientSampleId :

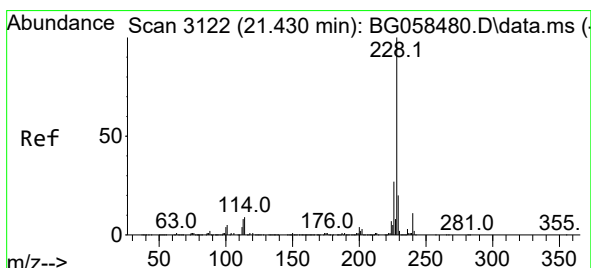
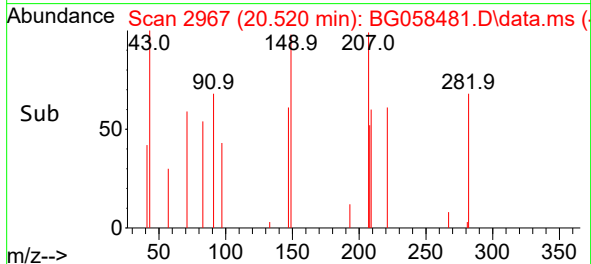
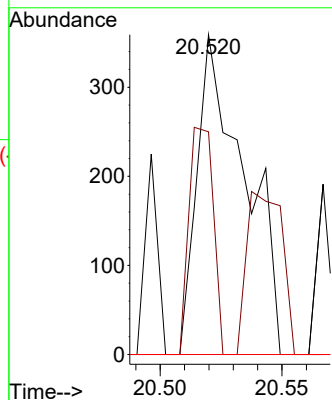
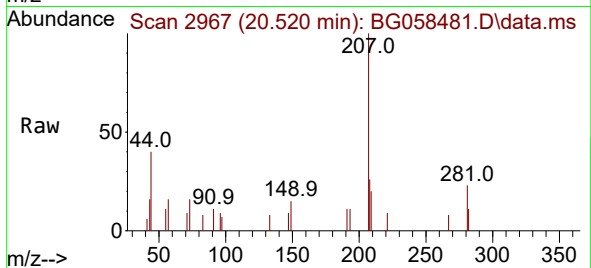
Tgt Ion:149 Resp: 487

Ion Ratio 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

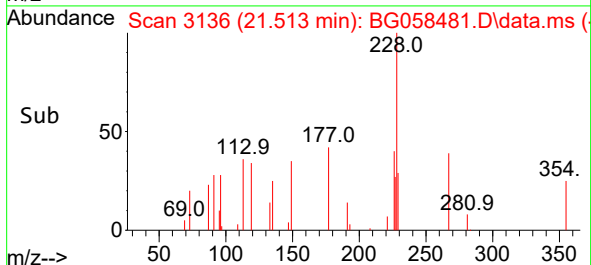
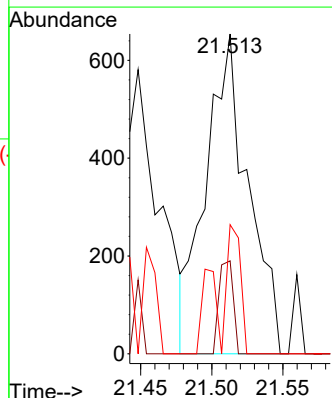
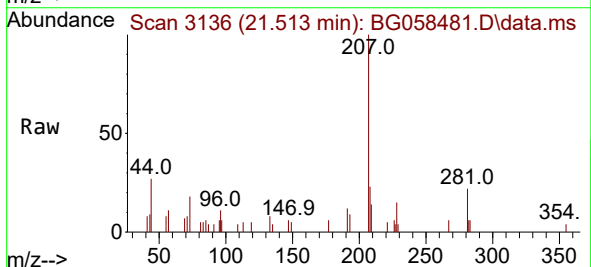
Tgt Ion:228 Resp: 1353

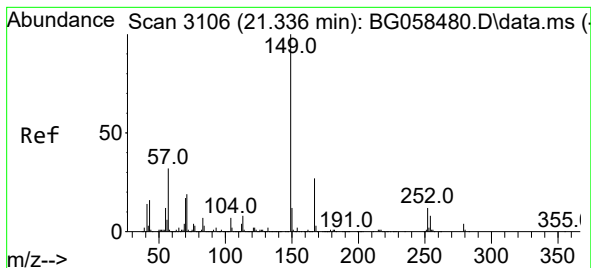
Ion Ratio Lower Upper

228 100

229 29.1 15.7 23.5#

226 40.4 21.8 32.8#

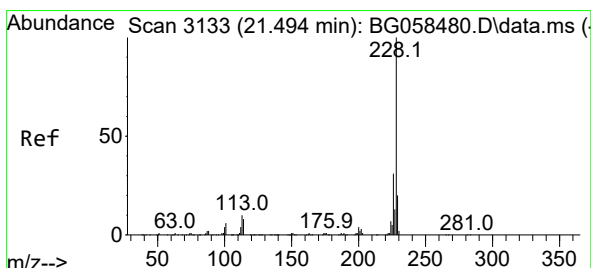
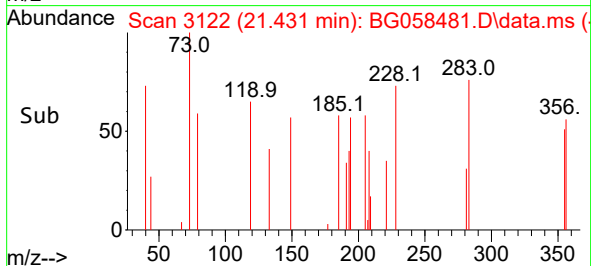
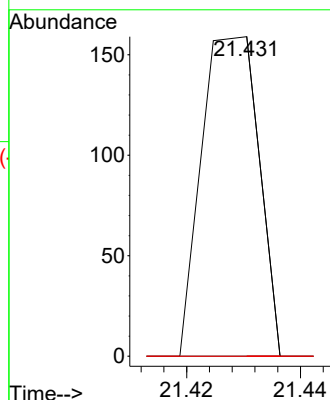
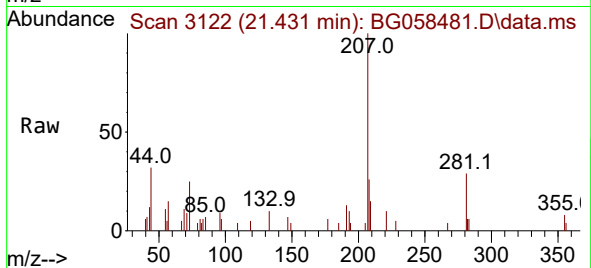




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 17.207 ng/ul
 RT: 21.431 min Scan# 3111
 Delta R.T. 0.093 min
 Lab File: BG058481.D
 Acq: 26 Jul 2023 16:27

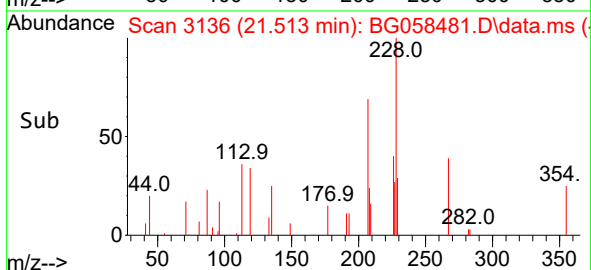
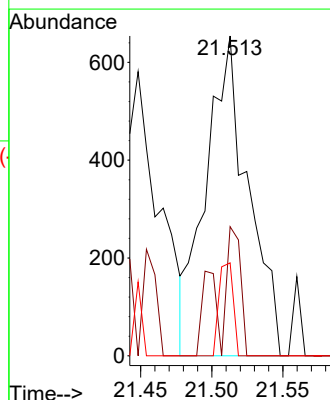
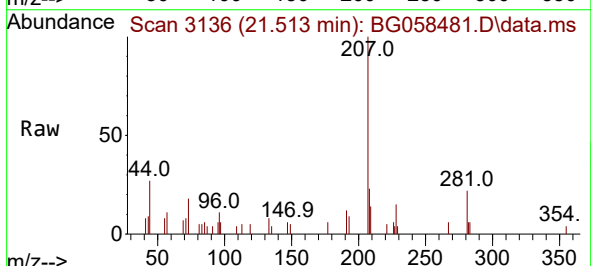
Instrument :
 BNA_P
 ClientSampleId :

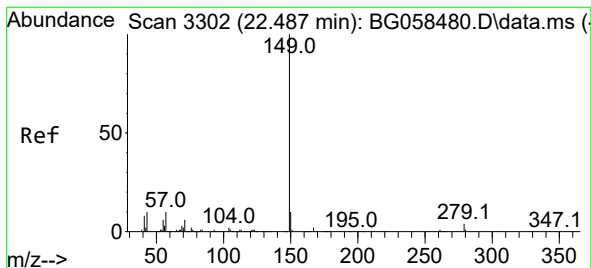
Tgt Ion:149 Resp: 111
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.6 32.4#
 279 0.0 3.0 4.4#



#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:228 Resp: 1353
 Ion Ratio 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

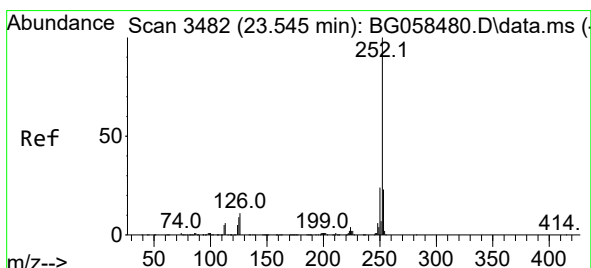
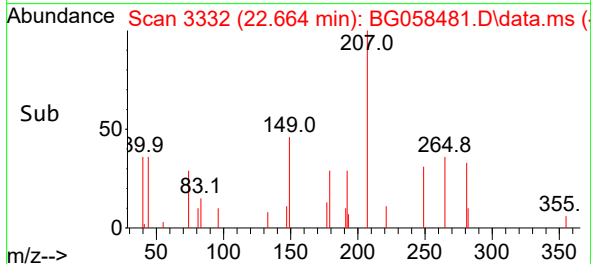
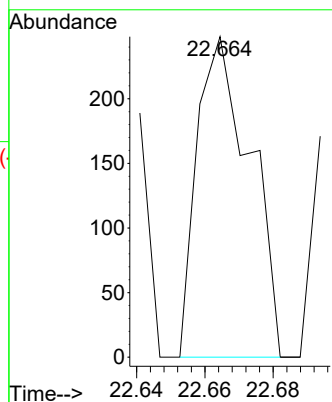
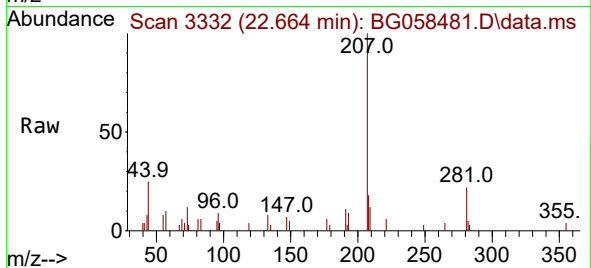
Acq: 26 Jul 2023 16:27

Instrument :

BNA_P

ClientSampleId :

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

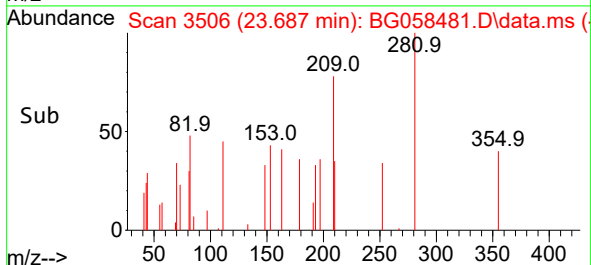
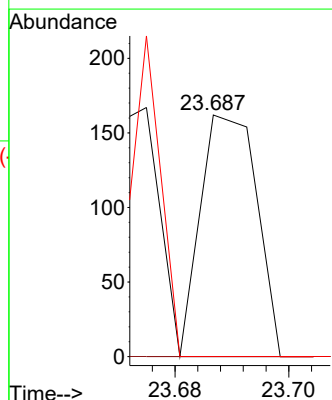
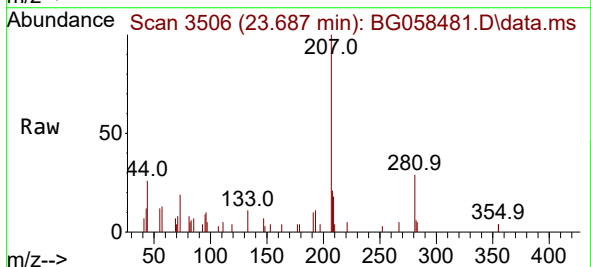
Tgt Ion:252 Resp: 111

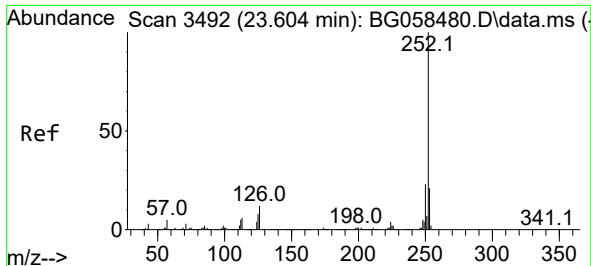
Ion Ratio Lower Upper

252 100

253 0.0 17.9 26.9#

125 0.0 6.7 10.1#

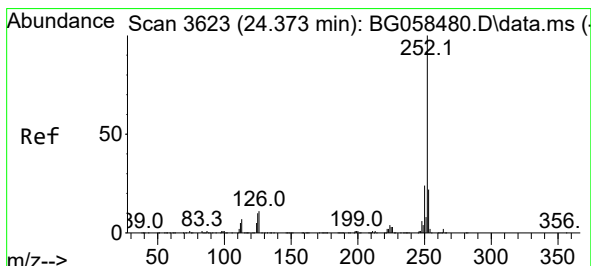
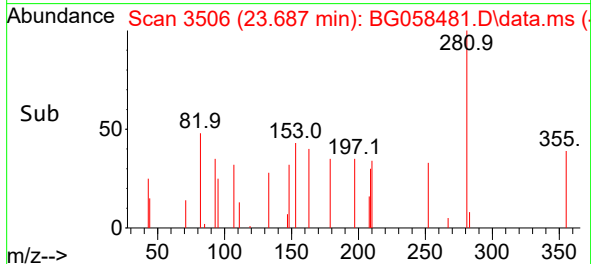
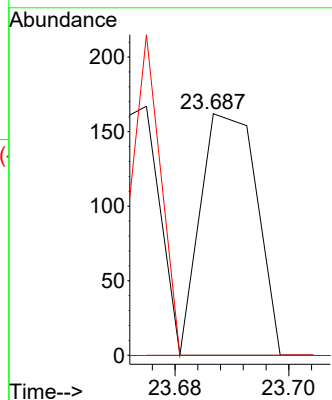
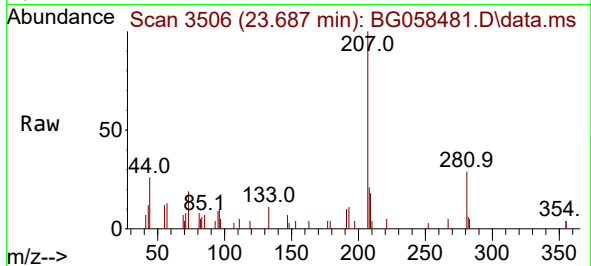




#91
Benzo(k)fluoranthene
Concen: 11.119 ng/ul
RT: 23.687 min Scan# 3506
Delta R.T. 0.075 min
Lab File: BG058481.D
Acq: 26 Jul 2023 16:27

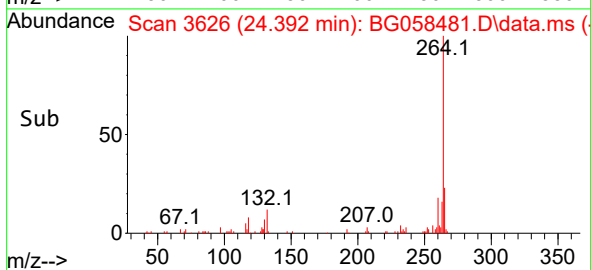
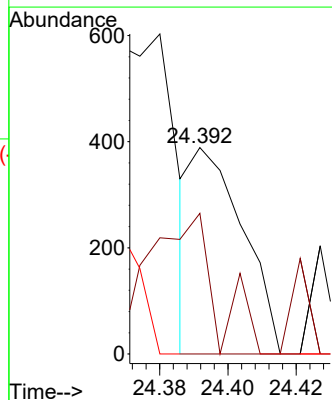
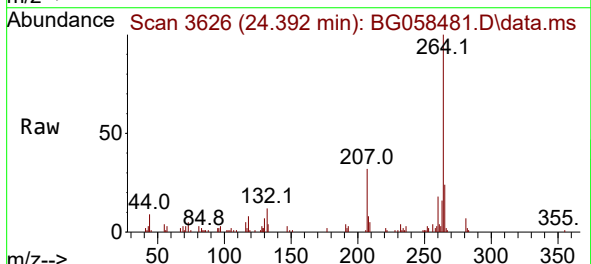
Instrument :
BNA_P
ClientSampleId :

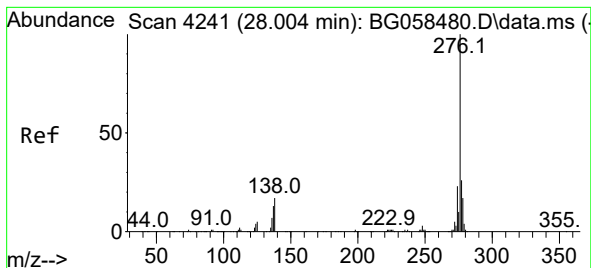
Tgt Ion:252 Resp: 111
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 0.0 7.4 11.0#



#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_P

ClientSampleId :

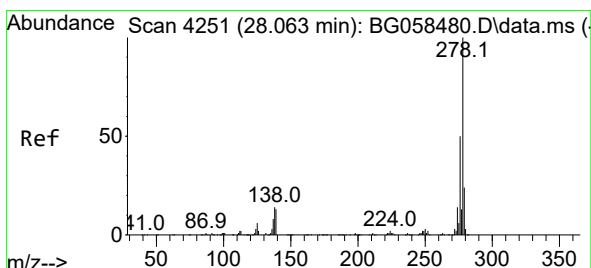
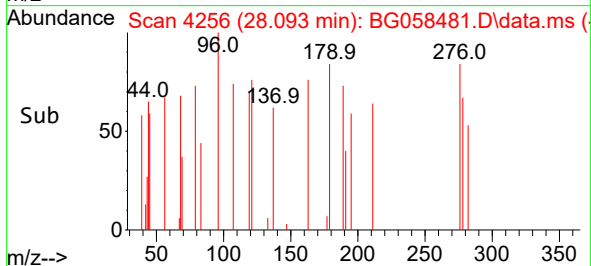
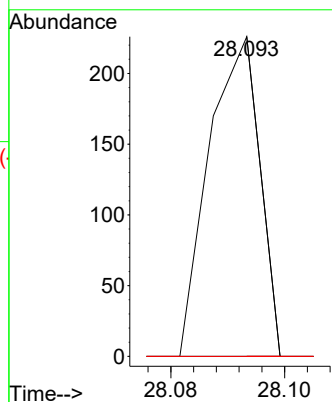
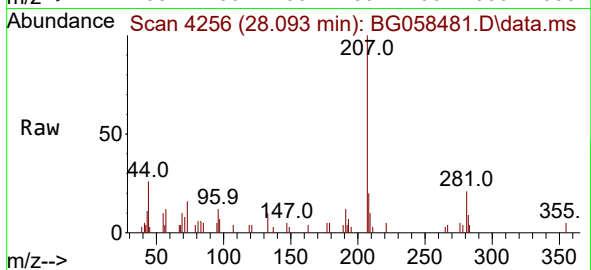
Tgt Ion:276 Resp: 140

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

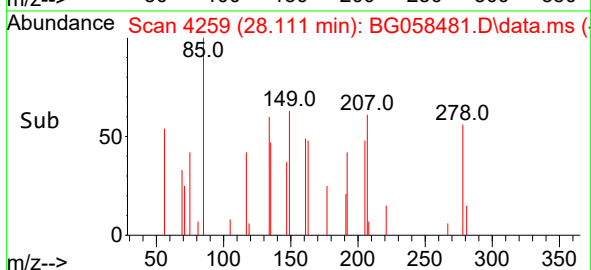
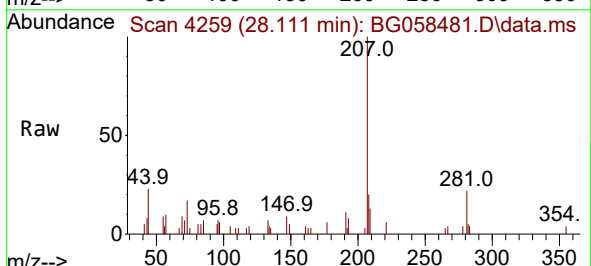
Tgt Ion:278 Resp: 132

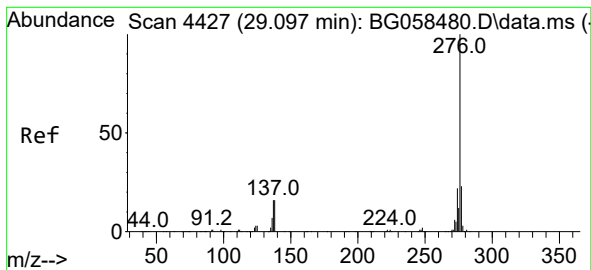
Ion Ratio Lower Upper

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

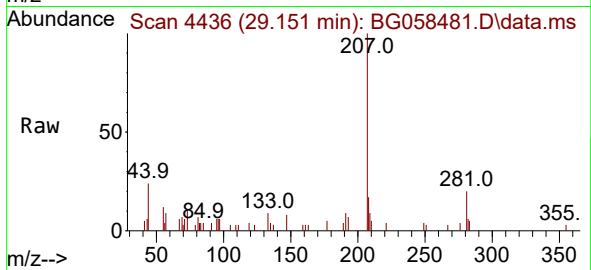
Lab File: BG058481.D

Acq: 26 Jul 2023 16:27

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 84

Ion Ratio Lower Upper

276 100

138 0.0 13.5 20.3#

277 0.0 19.4 29.2#

