

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058949.D
 Acq On : 9 Sep 2023 13:32
 Operator : MA/JU
 Sample : 04250-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH4A6

Quant Time: Sep 10 01:30:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

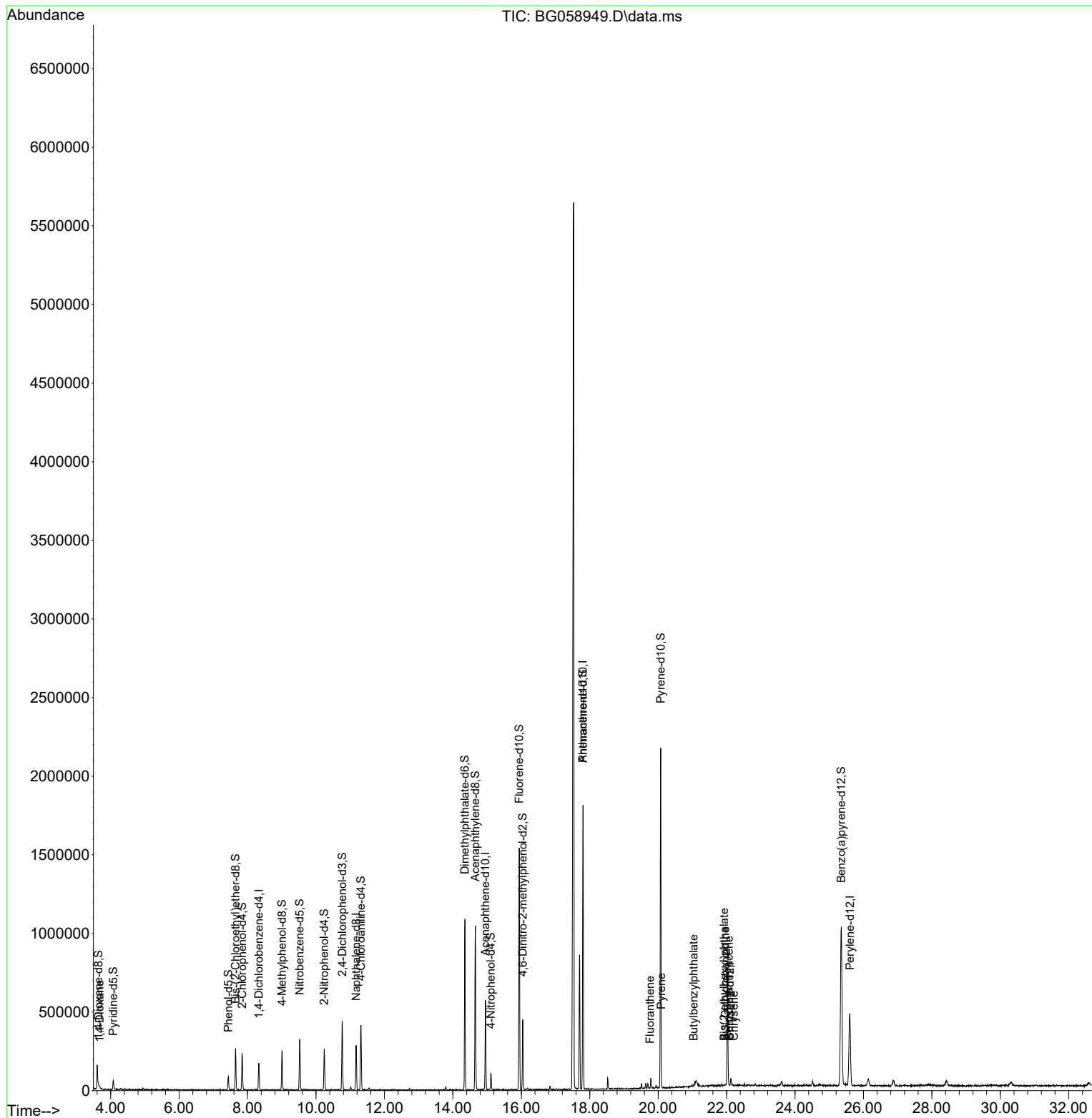
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.330	152	47654	20.000	ng/ul	0.00
20) Naphthalene-d8	11.173	136	220941	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.951	164	207540	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.801	188	1189905	20.000	ng/ul	0.09
79) Chrysene-d12	22.096	240	879	20.000	ng/ul	# 0.06
88) Perylene-d12	25.603	264	585400	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.641	96	7472	7.521	ng/uL	0.00
4) Pyridine-d5	4.076	84	43115	12.639	ng/ul	0.00
7) Phenol-d5	7.436	99	47188	9.984	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.648	67	121608	45.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.842	132	99714	35.368	ng/ul	0.00
15) 4-Methylphenol-d8	9.005	113	85711	23.398	ng/ul	-0.01
21) Nitrobenzene-d5	9.522	128	68058	52.296	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.239	143	74167	52.024	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.768	165	166880	40.347	ng/ul	0.00
31) 4-Chloroaniline-d4	11.314	131	194306	36.623	ng/ul	0.00
46) Dimethylphthalate-d6	14.352	166	701805	43.806	ng/ul	0.00
49) Acenaphthylene-d8	14.657	160	700720	40.465	ng/ul	0.00
54) 4-Nitrophenol-d4	15.110	143	21534	10.174	ng/ul	-0.01
60) Fluorene-d10	15.938	176	676620	44.811	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	123098	22.723	ng/ul	0.00
73) Anthracene-d10	17.801	188	1189894	21.983	ng/ul	-0.01
81) Pyrene-d10	20.075	212	1278279	25075.342	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.351	264	1330928	46.153	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.676	88	1564	1.293	ng/uL#	85
80) Fluoranthene	19.763	202	151	2.437	ng/ul#	1
82) Pyrene	20.092	202	338	5.447	ng/ul#	1
83) Butylbenzylphthalate	21.038	149	182	16.914	ng/ul#	50
84) 3,3'-Dichlorobenzidine	21.966	252	68	3.542	ng/ul#	24
85) Benzo(a)anthracene	22.066	228	140	2.339	ng/ul#	1
86) Bis(2-ethylhexyl)phtha...	21.931	149	73	4.349	ng/ul#	52
87) Chrysene	22.213	228	135	2.408	ng/ul#	15

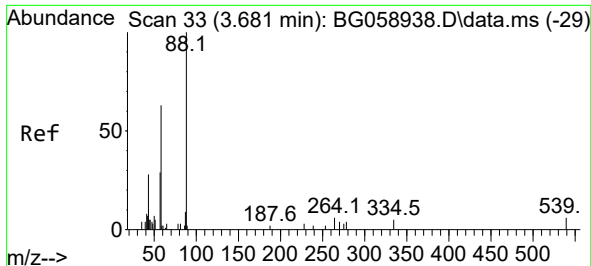
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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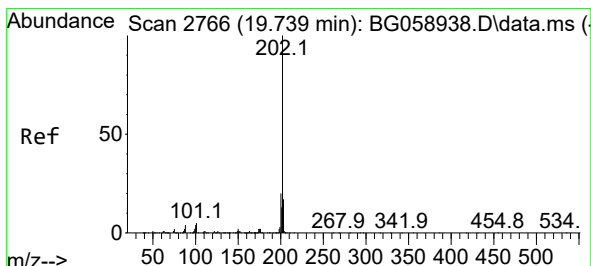
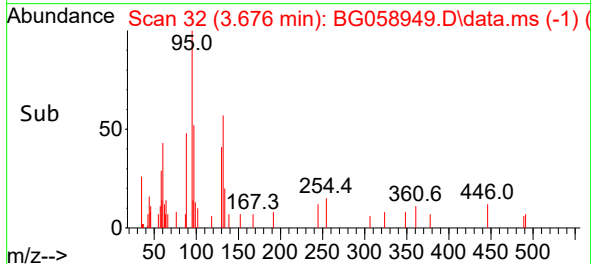
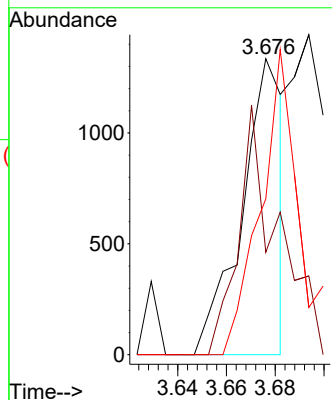
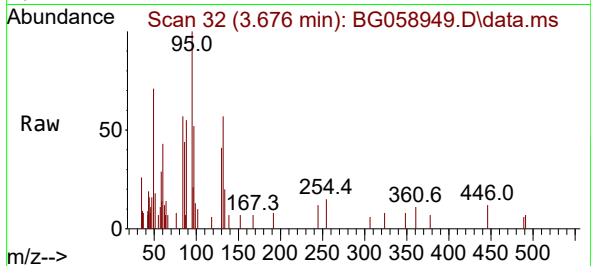




#2
1,4-Dioxane
Concen: 1.293 ng/uL
RT: 3.676 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058949.D
Acq: 9 Sep 2023 13:32

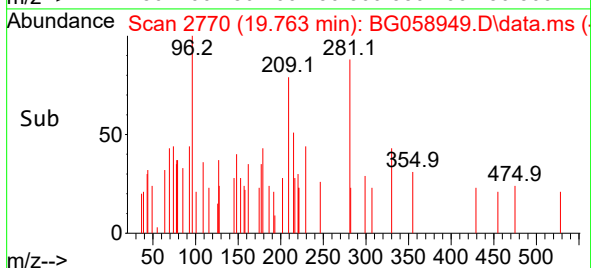
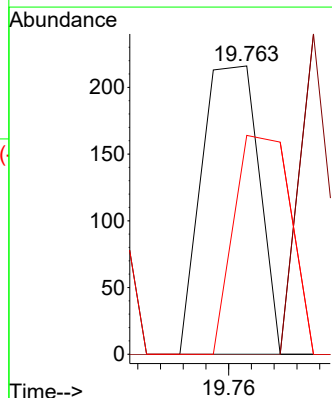
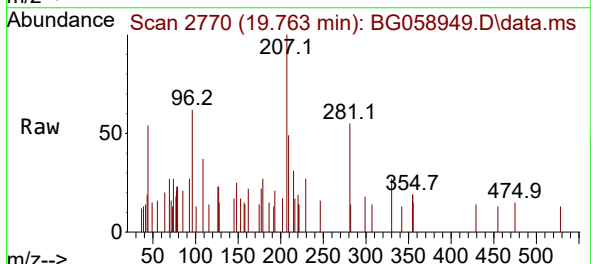
Instrument :
BNA_G
ClientSampleId :
BH4A6

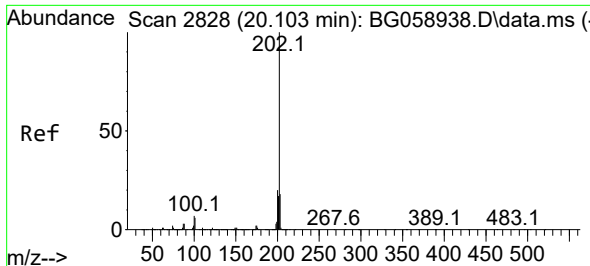
Tgt Ion: 88 Resp: 1564
Ion Ratio Lower Upper
88 100
43 34.6 19.8 29.8#
58 52.7 49.9 74.9



#80
Fluoranthene
Concen: 2.437 ng/uL
RT: 19.763 min Scan# 2770
Delta R.T. 0.024 min
Lab File: BG058949.D
Acq: 9 Sep 2023 13:32

Tgt Ion: 202 Resp: 151
Ion Ratio Lower Upper
202 100
101 0.0 4.6 7.0#
100 75.9 3.8 5.6#

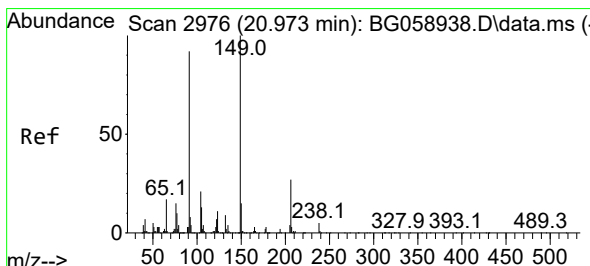
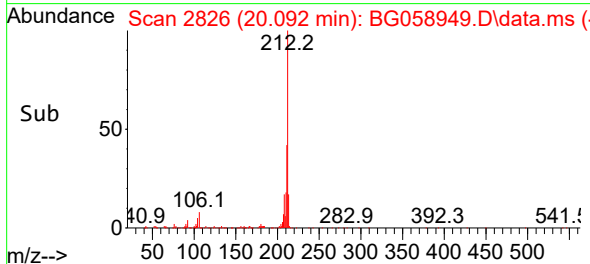
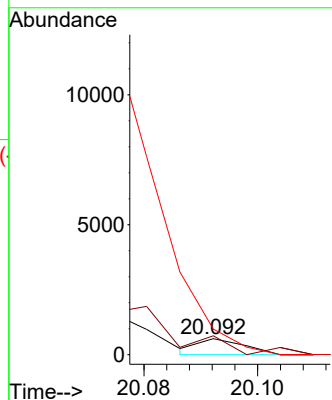
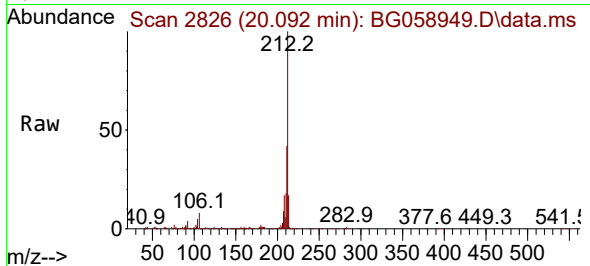




#82
 Pyrene
 Concen: 5.447 ng/ul
 RT: 20.092 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BG058949.D
 Acq: 9 Sep 2023 13:32

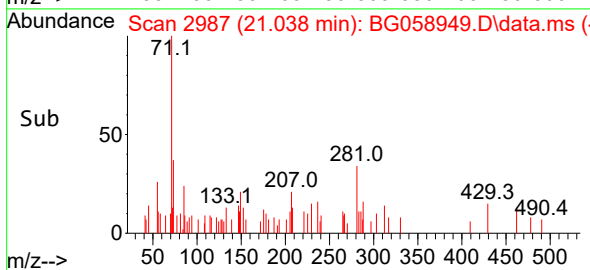
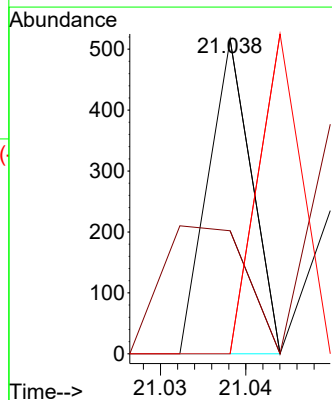
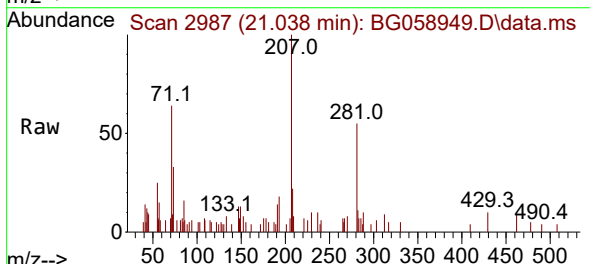
Instrument :
 BNA_G
 ClientSampleId :
 BH4A6

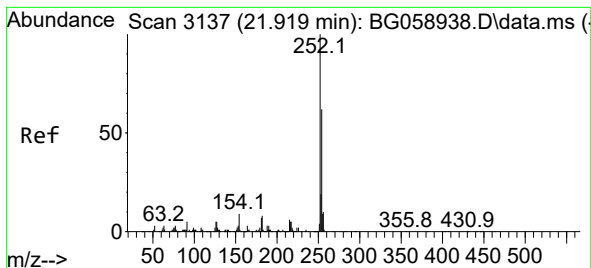
Tgt Ion:202 Resp: 338
 Ion Ratio Lower Upper
 202 100
 101 118.4 5.2 7.8#
 100 160.4 5.0 7.4#



#83
 Butylbenzylphthalate
 Concen: 16.914 ng/ul
 RT: 21.038 min Scan# 2987
 Delta R.T. 0.059 min
 Lab File: BG058949.D
 Acq: 9 Sep 2023 13:32

Tgt Ion:149 Resp: 182
 Ion Ratio Lower Upper
 149 100
 91 39.1 66.8 100.2#
 206 0.0 22.7 34.1#





#84

3,3'-Dichlorobenzidine

Concen: 3.542 ng/ul

RT: 21.966 min Scan# 3137

Delta R.T. 0.041 min

Lab File: BG058949.D

Acq: 9 Sep 2023 13:32

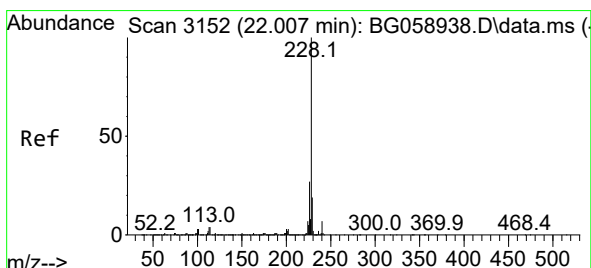
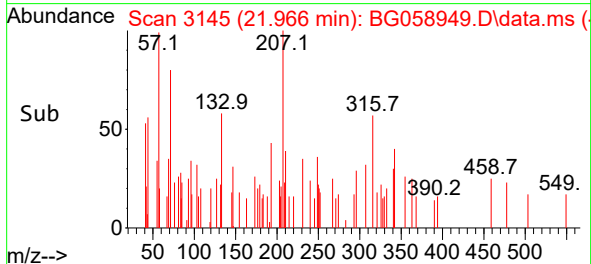
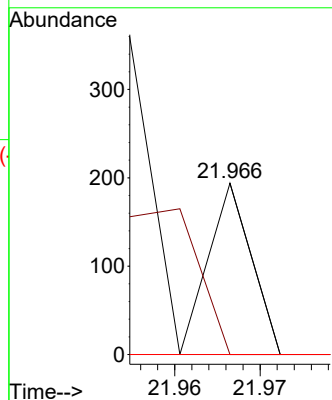
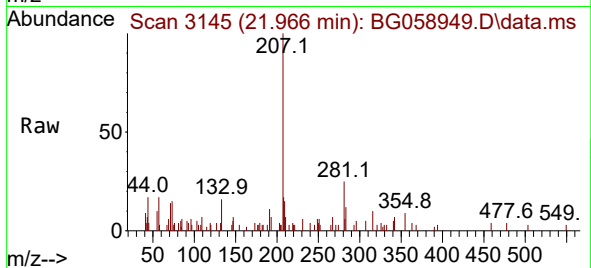
Instrument :

BNA_G

ClientSampleId :

BH4A6

Tgt Ion:252	Resp:	68
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.0 76.6#
126	0.0	4.7 7.1#



#85

Benzo(a)anthracene

Concen: 2.339 ng/ul

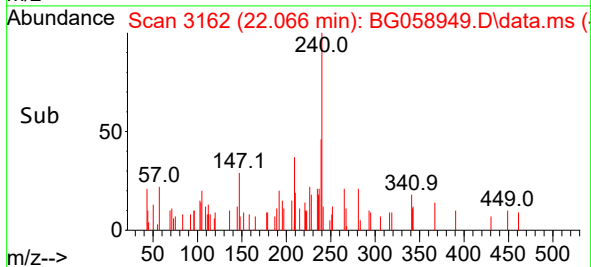
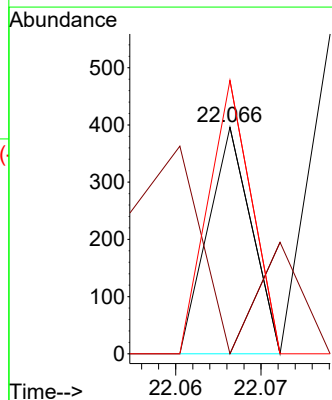
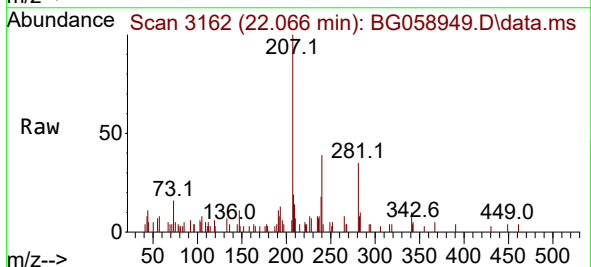
RT: 22.066 min Scan# 3162

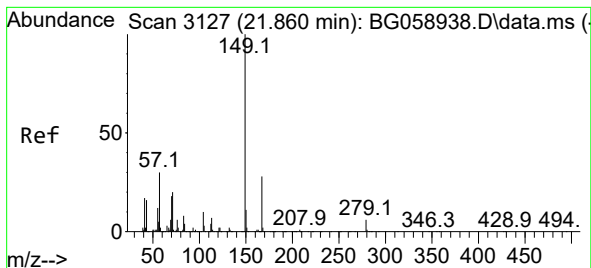
Delta R.T. 0.053 min

Lab File: BG058949.D

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Tgt Ion:228	Resp:	140
Ion Ratio	Lower	Upper
228	100	
229	0.0	16.4 24.6#
226	120.7	22.6 34.0#

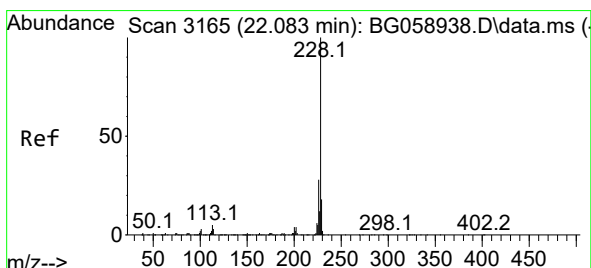
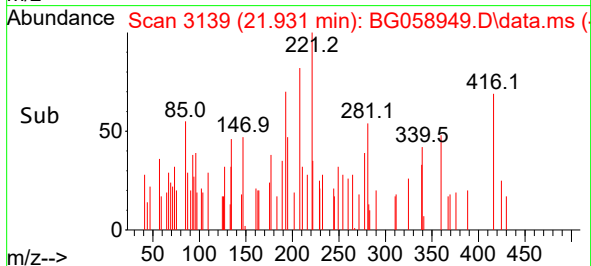
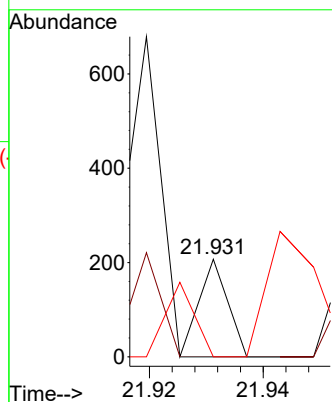
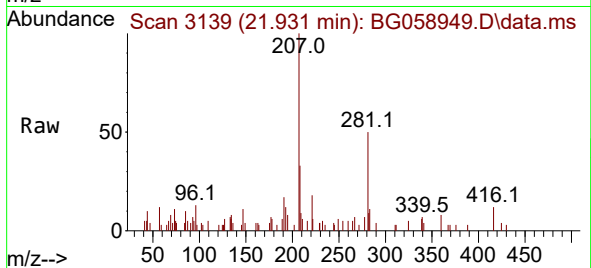




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.349 ng/ul
 RT: 21.931 min Scan# 3127
 Delta R.T. 0.059 min
 Lab File: BG058949.D
 Acq: 9 Sep 2023 13:32

Instrument :
 BNA_G
 ClientSampleId :
 BH4A6

Tgt Ion:149 Resp: 73
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.4 35.2#
 279 0.0 5.4 8.0#



#87
 Chrysene
 Concen: 2.408 ng/ul
 RT: 22.213 min Scan# 3187
 Delta R.T. 0.124 min
 Lab File: BG058949.D
 Acq: 9 Sep 2023 13:32

Tgt Ion:228 Resp: 135
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.7 37.1#
 229 77.9 14.7 22.1#

