

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091323\
 Data File : BG059048.D
 Acq On : 13 Sep 2023 20:06
 Operator : MA/JU
 Sample : 04175-21RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EZYD4

Quant Time: Sep 14 01:06:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 12 23:54:19 2023
 Response via : Initial Calibration

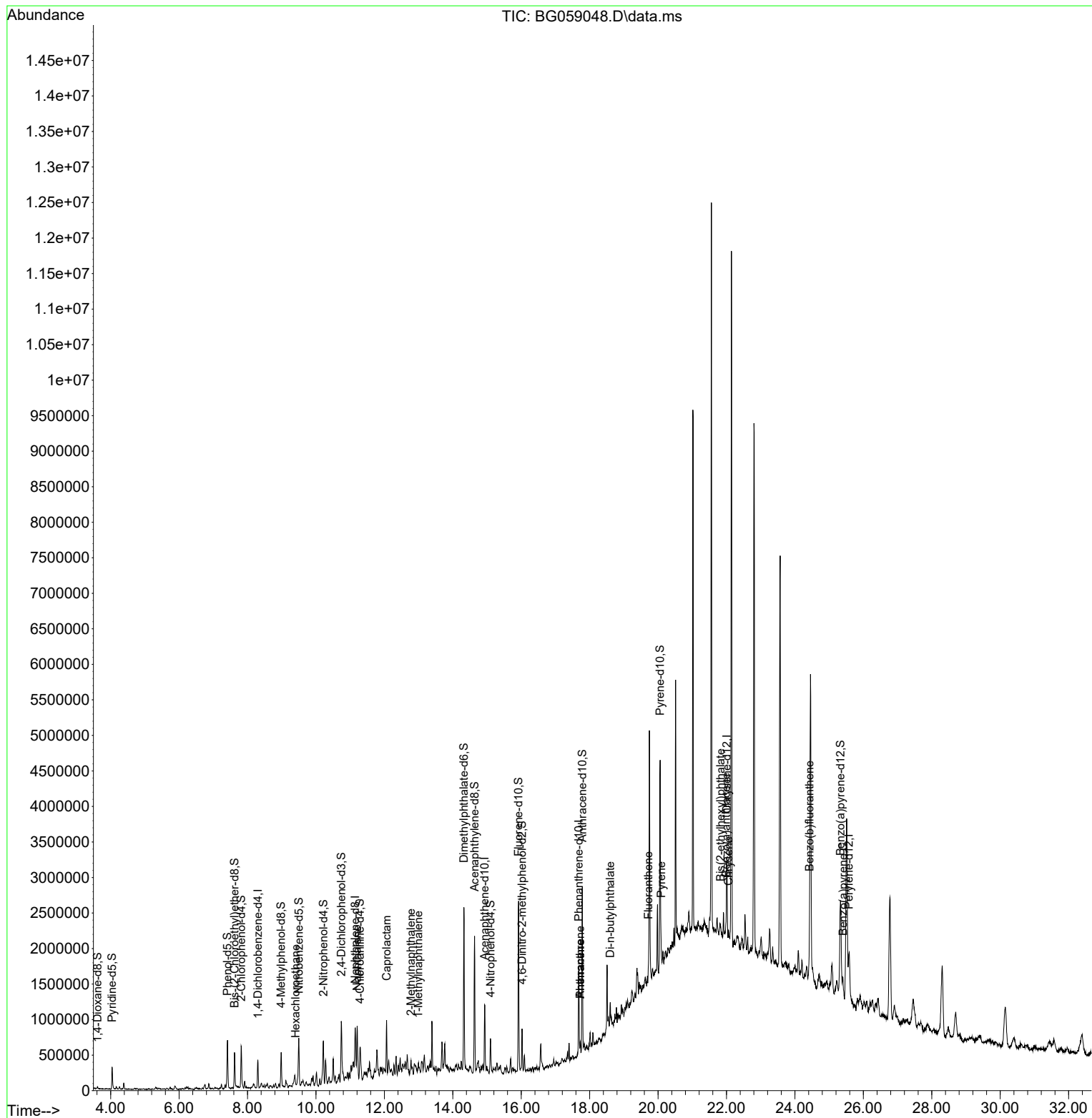
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.308	152	100463	20.000	ng/ul	0.00
20) Naphthalene-d8	11.146	136	474547	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.929	164	336121	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.685	188	801983	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.009	240	700741	20.000	ng/ul	0.00
88) Perylene-d12	25.576	264	801049	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.613	96	14713	6.225	ng/uL	-0.02
4) Pyridine-d5	4.042	84	192330	25.702	ng/ul	-0.02
7) Phenol-d5	7.415	99	363842	35.915	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.620	67	226951	38.204	ng/ul	0.00
11) 2-Chlorophenol-d4	7.814	132	251492	38.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.983	113	184794	23.610	ng/ul	0.00
21) Nitrobenzene-d5	9.500	128	140563	40.836	ng/ul	0.00
24) 2-Nitrophenol-d4	10.217	143	179550	47.538	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.740	165	291666	36.335	ng/ul	0.00
31) 4-Chloroaniline-d4	11.287	131	180969	16.764	ng/ul	0.00
46) Dimethylphthalate-d6	14.324	166	1049594	40.257	ng/ul	0.00
49) Acenaphthylene-d8	14.636	160	1185070	40.817	ng/ul	0.00
54) 4-Nitrophenol-d4	15.106	143	108327	25.013	ng/ul	0.00
60) Fluorene-d10	15.922	176	993195	42.925	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.022	200	134914	34.271	ng/ul	0.00
73) Anthracene-d10	17.785	188	1467060	41.207	ng/ul	0.00
81) Pyrene-d10	20.059	212	1657236	44.645	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.329	264	1634218	41.617	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Hexachloroethane	9.406	117	17975	6.386	ng/ul#	1
30) Naphthalene	11.198	128	171194	6.844	ng/ul#	93
34) Caprolactam	12.068	113	26845	9.947	ng/ul#	1
36) 2-Methylnaphthalene	12.779	142	66561	3.566	ng/ul	90
37) 1-Methylnaphthalene	12.996	142	46190	2.509	ng/ul#	96
72) Phenanthrene	17.720	178	128781	3.164	ng/ul	97
74) Anthracene	17.720	178	129298	3.125	ng/ul	98
78) Di-n-butylphthalate	18.602	149	172455	4.491	ng/ul#	96
80) Fluoranthene	19.718	202	186862	4.335	ng/ul	98
82) Pyrene	20.088	202	187501	4.184	ng/ul	97
85) Benzo(a)anthracene	21.986	228	101275	2.155	ng/ul#	75
86) Bis(2-ethylhexyl)phtha...	21.827	149	35828	1.689	ng/ul#	60
87) Chrysene	22.056	228	85521	1.958	ng/ul#	69
90) Benzo(b)fluoranthene	24.424	252	114866	2.407	ng/ul#	67
93) Benzo(a)pyrene	25.405	252	111720	2.509	ng/ul#	75

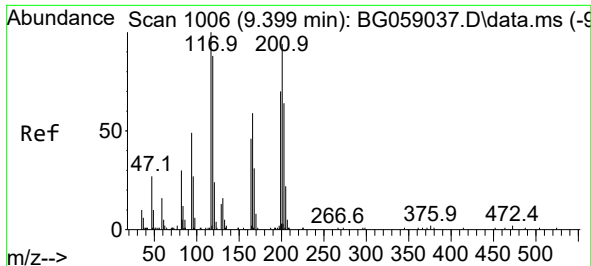
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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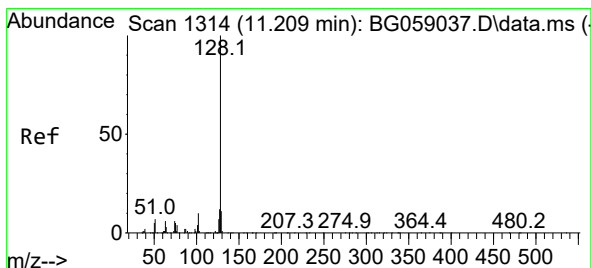
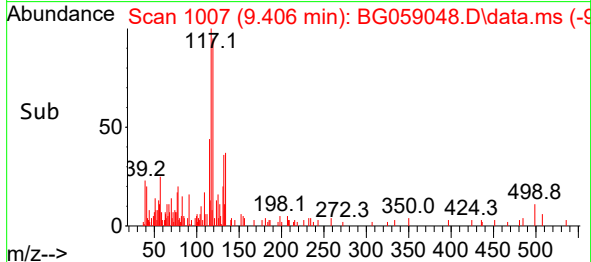
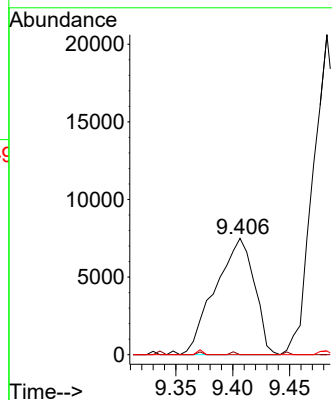
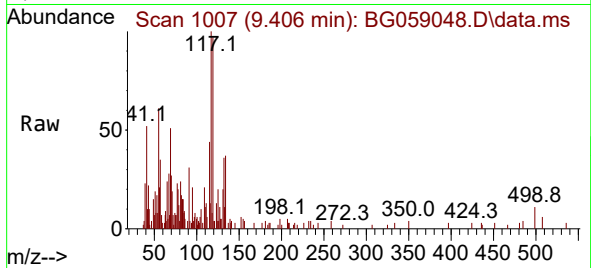




#19
Hexachloroethane
Concen: 6.386 ng/ul
RT: 9.406 min Scan# 1007
Delta R.T. 0.008 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

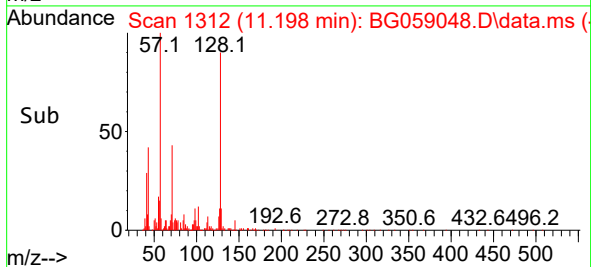
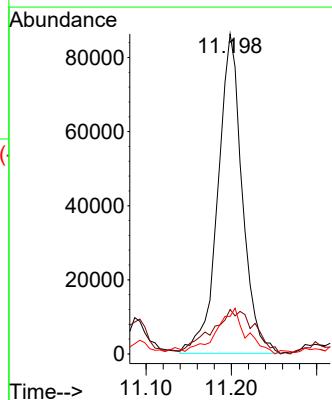
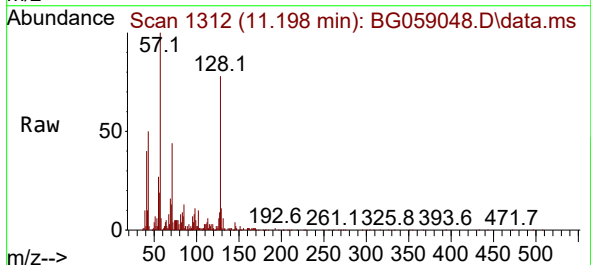
Instrument :
BNA_G
ClientSampleId :
EZYD4

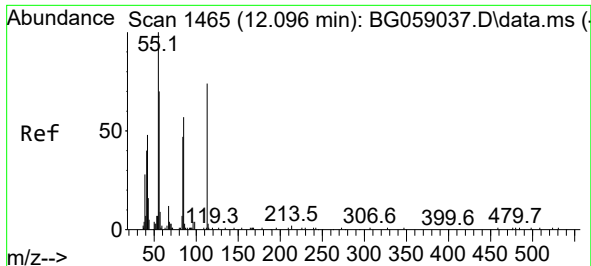
Tgt Ion:117 Resp: 17975
Ion Ratio Lower Upper
117 100
201 0.0 108.2 162.4#
199 0.0 56.0 84.0#



#30
Naphthalene
Concen: 6.844 ng/ul
RT: 11.198 min Scan# 1312
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:128 Resp: 171194
Ion Ratio Lower Upper
128 100
129 13.9 8.2 12.2#
127 11.8 10.9 16.3

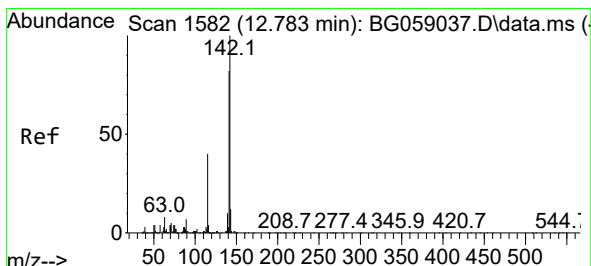
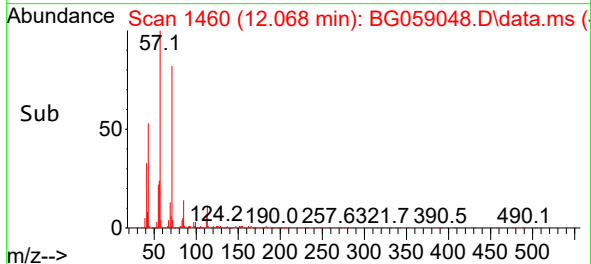
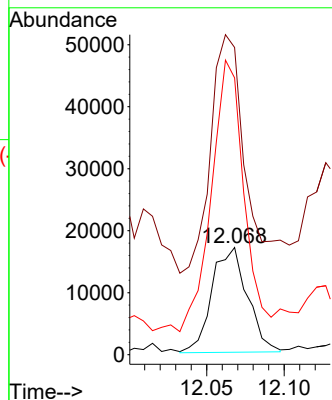
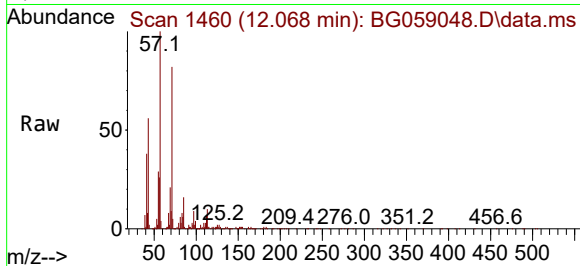




#34
Caprolactam
Concen: 9.947 ng/ul
RT: 12.068 min Scan# 1460
Delta R.T. -0.027 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

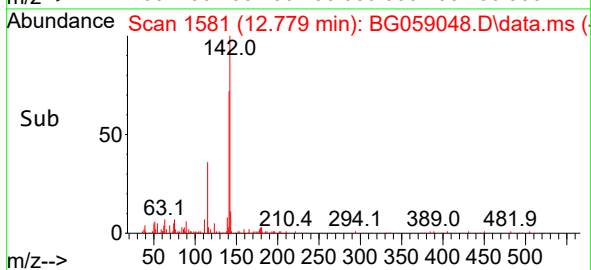
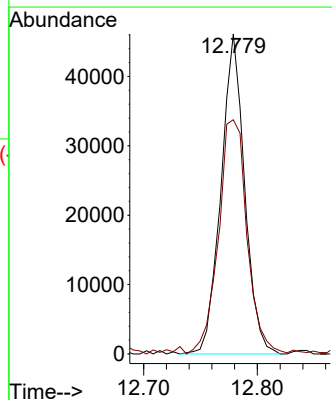
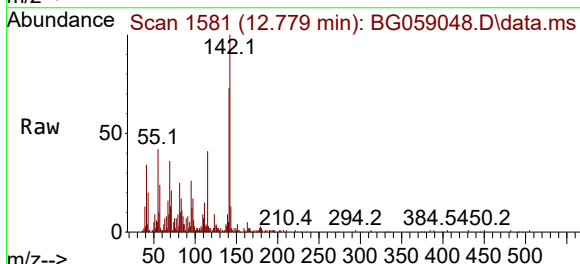
Instrument :
BNA_G
ClientSampleId :
EZYD4

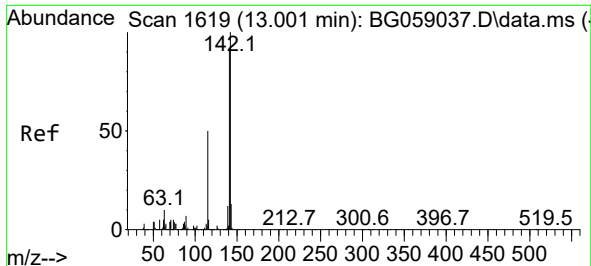
Tgt Ion:113 Resp: 26845
Ion Ratio Lower Upper
113 100
55 286.5 140.5 210.7#
56 258.2 90.4 135.6#



#36
2-Methylnaphthalene
Concen: 3.566 ng/ul
RT: 12.779 min Scan# 1581
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:142 Resp: 66561
Ion Ratio Lower Upper
142 100
141 73.2 65.7 98.5





#37

1-Methylnaphthalene

Concen: 2.509 ng/ul

RT: 12.996 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

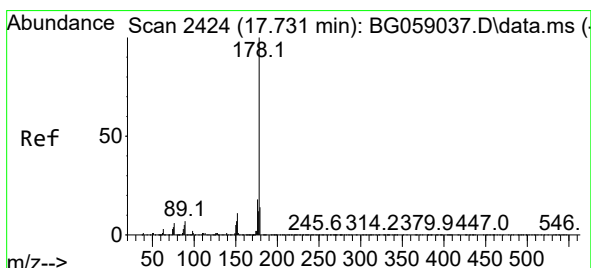
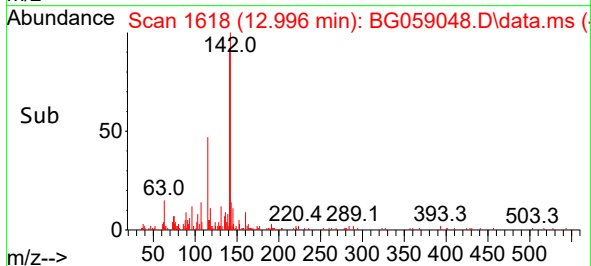
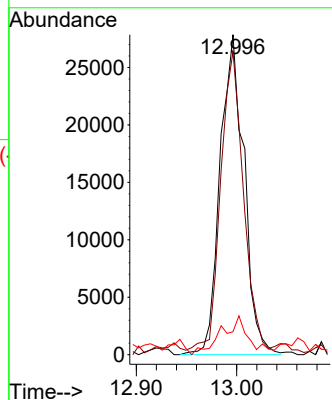
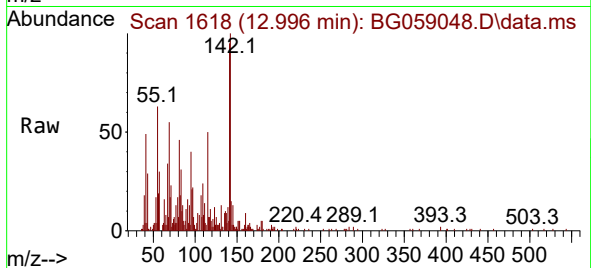
Tgt Ion:142 Resp: 46190

Ion Ratio Lower Upper

142 100

141 94.7 73.1 109.7

116 7.1 3.4 5.0#



#72

Phenanthrene

Concen: 3.164 ng/ul

RT: 17.720 min Scan# 2422

Delta R.T. -0.009 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

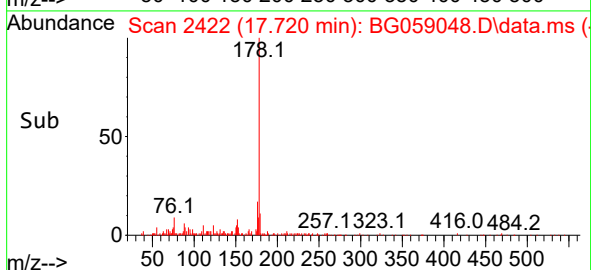
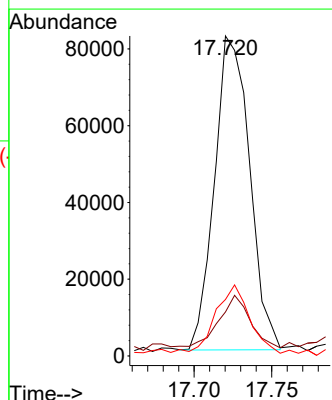
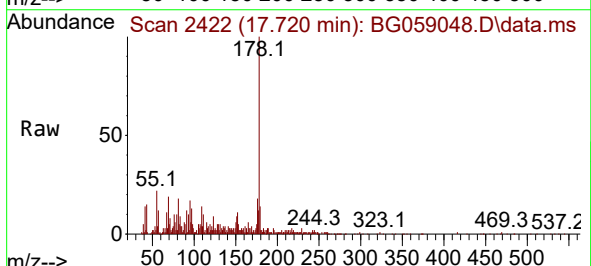
Tgt Ion:178 Resp: 128781

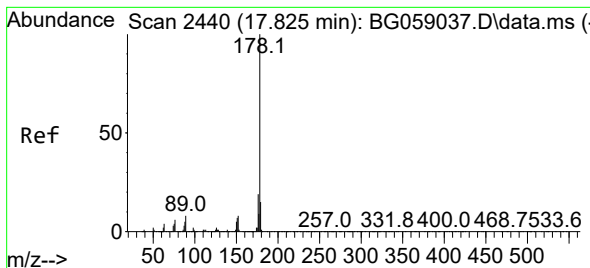
Ion Ratio Lower Upper

178 100

179 13.7 11.8 17.8

176 17.7 15.1 22.7





#74

Anthracene

Concen: 3.125 ng/ul

RT: 17.720 min Scan# 2440

Delta R.T. -0.104 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

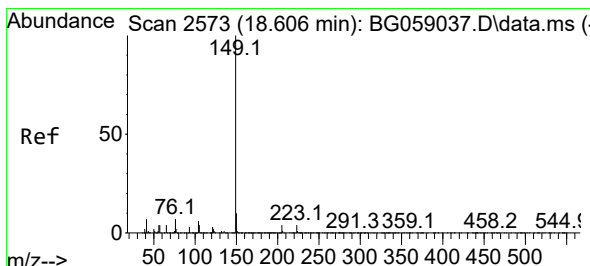
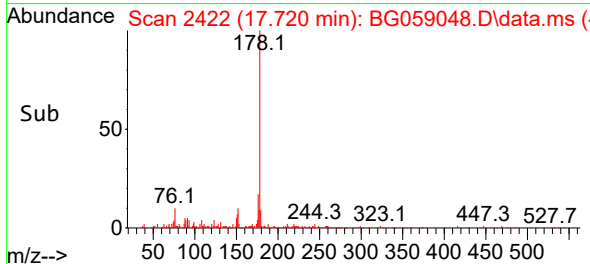
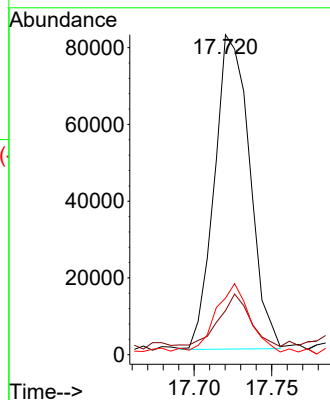
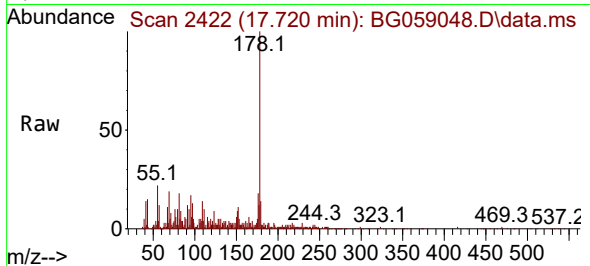
Tgt Ion:178 Resp: 129298

Ion Ratio Lower Upper

178 100

179 13.7 12.2 18.4

176 17.7 14.4 21.6



#78

Di-n-butylphthalate

Concen: 4.491 ng/ul

RT: 18.602 min Scan# 2572

Delta R.T. -0.004 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

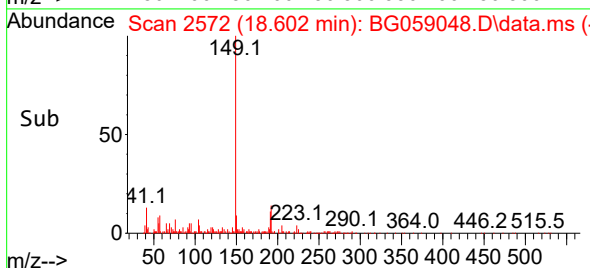
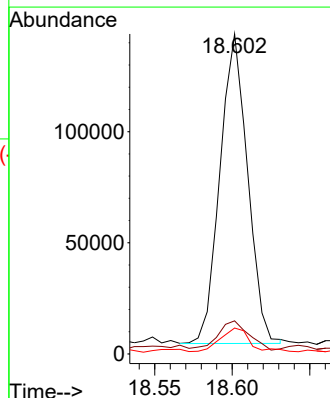
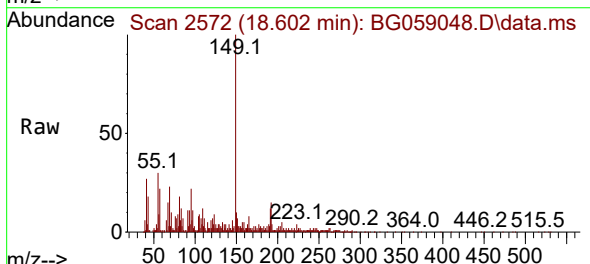
Tgt Ion:149 Resp: 172455

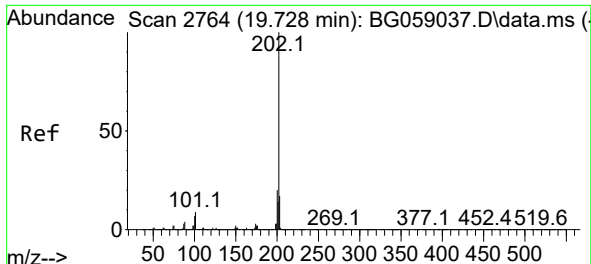
Ion Ratio Lower Upper

149 100

150 10.4 7.7 11.5

104 8.1 4.6 6.8#

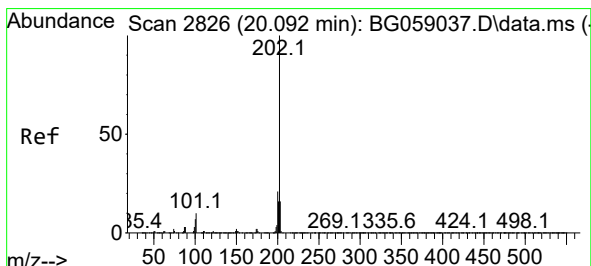
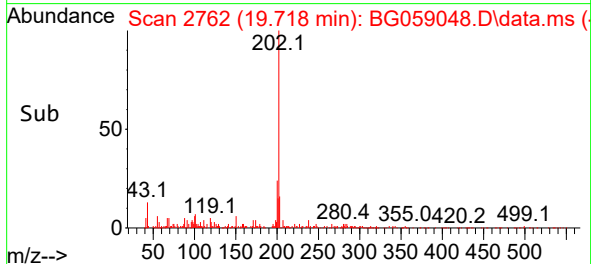
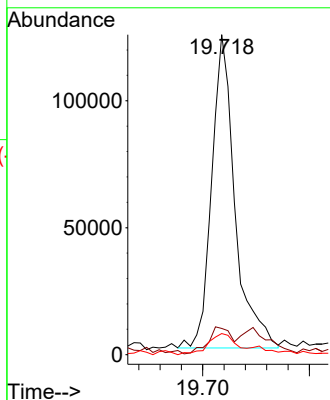
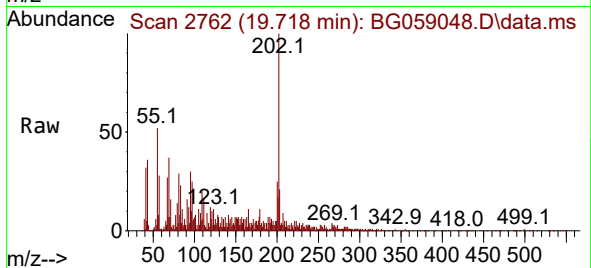




#80
Fluoranthene
Concen: 4.335 ng/ul
RT: 19.718 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

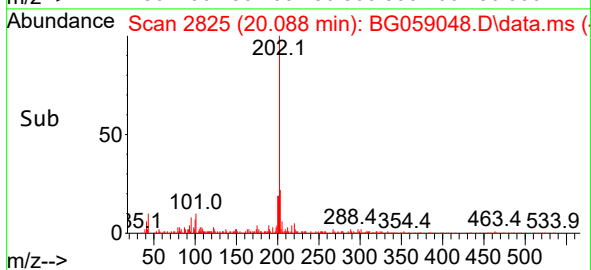
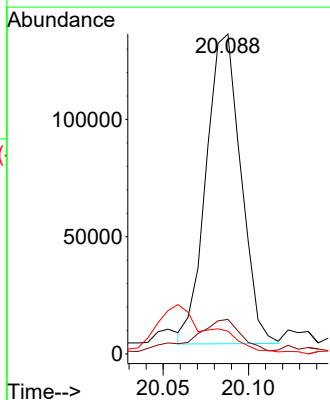
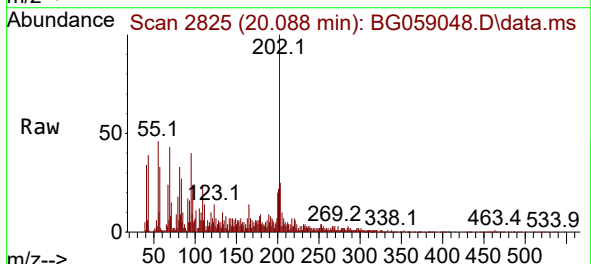
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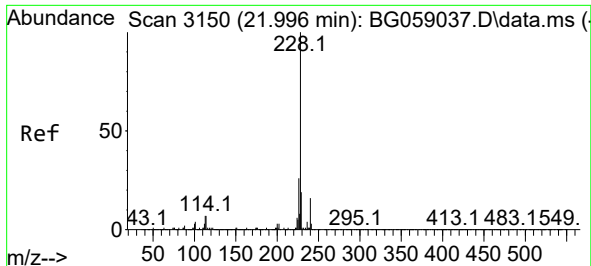
Tgt Ion:202 Resp: 186862
Ion Ratio Lower Upper
202 100
101 8.2 6.1 9.1
100 6.6 5.9 8.9



#82
Pyrene
Concen: 4.184 ng/ul
RT: 20.088 min Scan# 2825
Delta R.T. -0.004 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:202 Resp: 187501
Ion Ratio Lower Upper
202 100
101 10.8 7.5 11.3
100 7.1 6.3 9.5

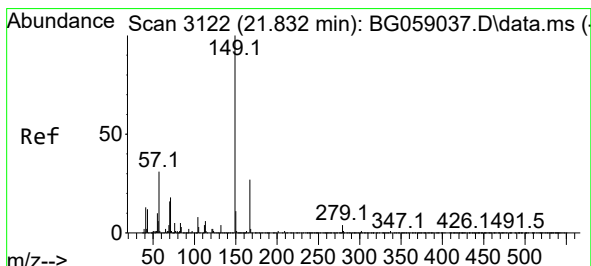
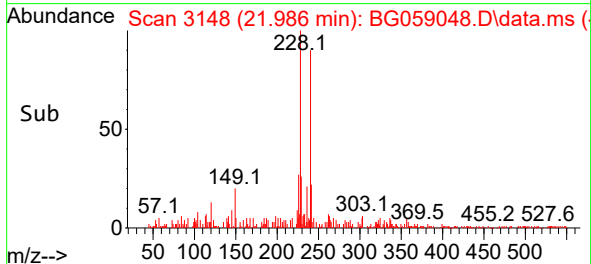
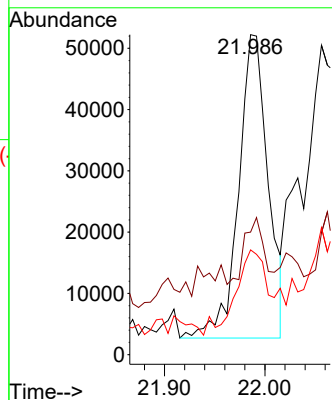
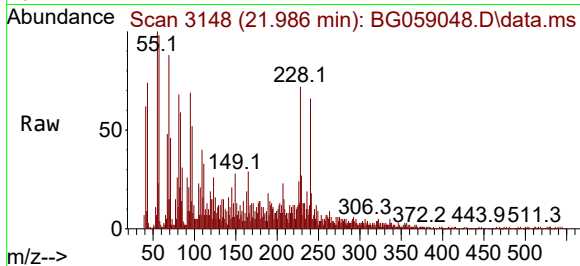




#85
Benzo(a)anthracene
Concen: 2.155 ng/ul
RT: 21.986 min Scan# 3150
Delta R.T. -0.004 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

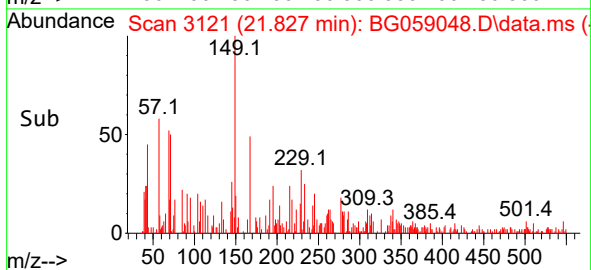
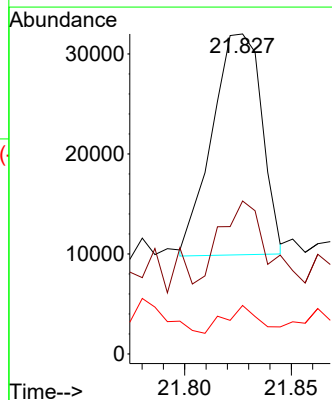
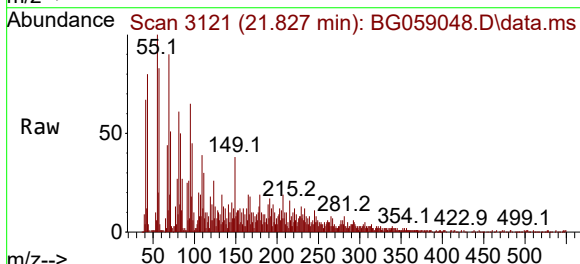
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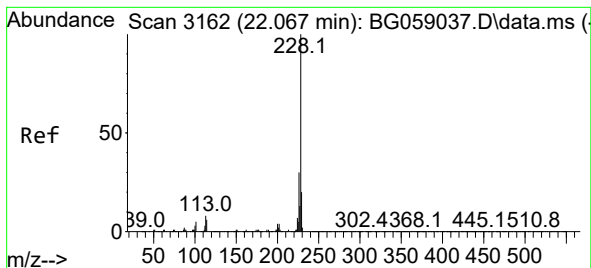
Tgt Ion:228 Resp: 101275
Ion Ratio Lower Upper
228 100
229 38.3 16.0 24.0#
226 32.8 20.8 31.2#



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.689 ng/ul
RT: 21.827 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BG059048.D
Acq: 13 Sep 2023 20:06

Tgt Ion:149 Resp: 35828
Ion Ratio Lower Upper
149 100
167 47.8 21.0 31.6#
279 15.2 3.8 5.8#





#87

Chrysene

Concen: 1.958 ng/ul

RT: 22.056 min Scan# 3160

Delta R.T. -0.004 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4

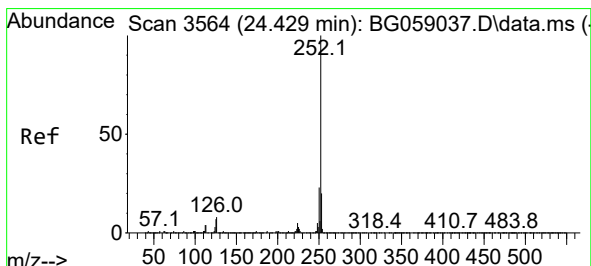
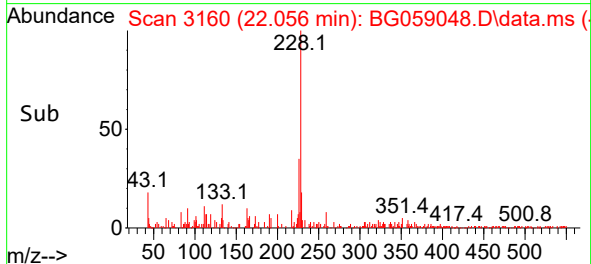
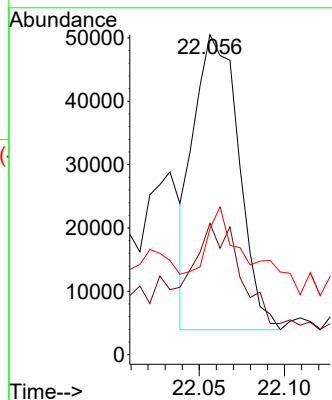
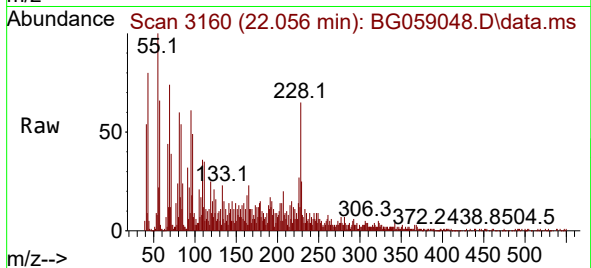
Tgt Ion:228 Resp: 85521

Ion Ratio Lower Upper

228 100

226 41.0 23.2 34.8#

229 39.4 15.3 22.9#



#90

Benzo(b)fluoranthene

Concen: 2.407 ng/ul

RT: 24.424 min Scan# 3563

Delta R.T. 0.008 min

Lab File: BG059048.D

Acq: 13 Sep 2023 20:06

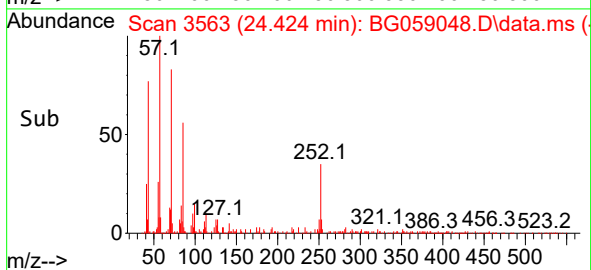
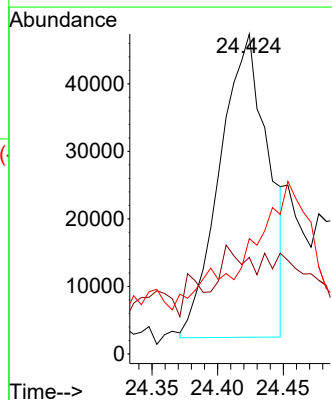
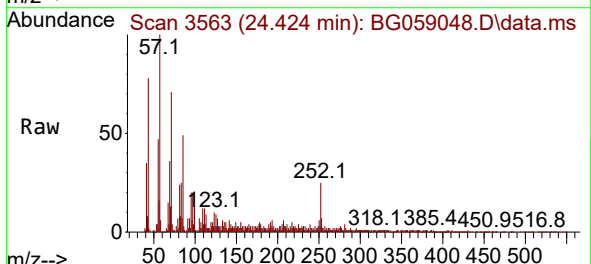
Tgt Ion:252 Resp: 114866

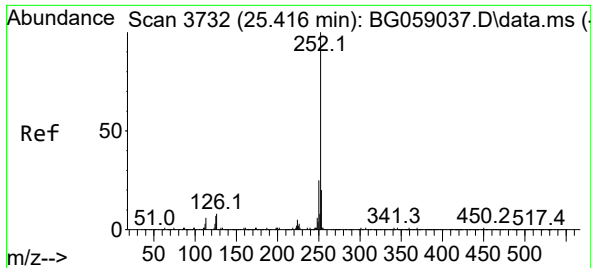
Ion Ratio Lower Upper

252 100

253 30.2 17.8 26.8#

125 36.1 6.2 9.2#





#93

Benzo(a)pyrene

Concen: 2.509 ng/ul

RT: 25.405 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG059048.D

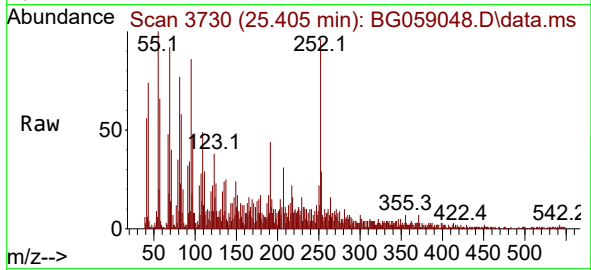
Acq: 13 Sep 2023 20:06

Instrument :

BNA_G

ClientSampleId :

EZYD4



Tgt Ion:252 Resp: 111720

Ion Ratio Lower Upper

252 100

253 29.7 17.1 25.7#

125 23.6 5.3 7.9#

