

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
 Data File : BG059843.D
 Acq On : 23 Nov 2023 8:35
 Operator : MA/JU
 Sample : 05294-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WT-5

Quant Time: Nov 24 00:18:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	29544	20.000	ng	-0.01
21) Naphthalene-d8	11.181	136	128551	20.000	ng	#-0.01
39) Acenaphthene-d10	14.959	164	104439	20.000	ng	-0.01
64) Phenanthrene-d10	17.714	188	222353	20.000	ng	# 0.00
76) Chrysene-d12	22.039	240	178842	20.000	ng	#-0.01
86) Perylene-d12	25.623	264	195876	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	159295	90.751	ng	0.00
7) Phenol-d6	7.456	99	230113	88.465	ng	0.00
23) Nitrobenzene-d5	9.530	82	228178	67.791	ng	-0.01
42) 2,4,6-Tribromophenol	16.451	330	143342	120.965	ng	0.00
45) 2-Fluorobiphenyl	13.584	172	554080	71.412	ng	-0.01
79) Terphenyl-d14	20.288	244	890852	73.535	ng	0.00

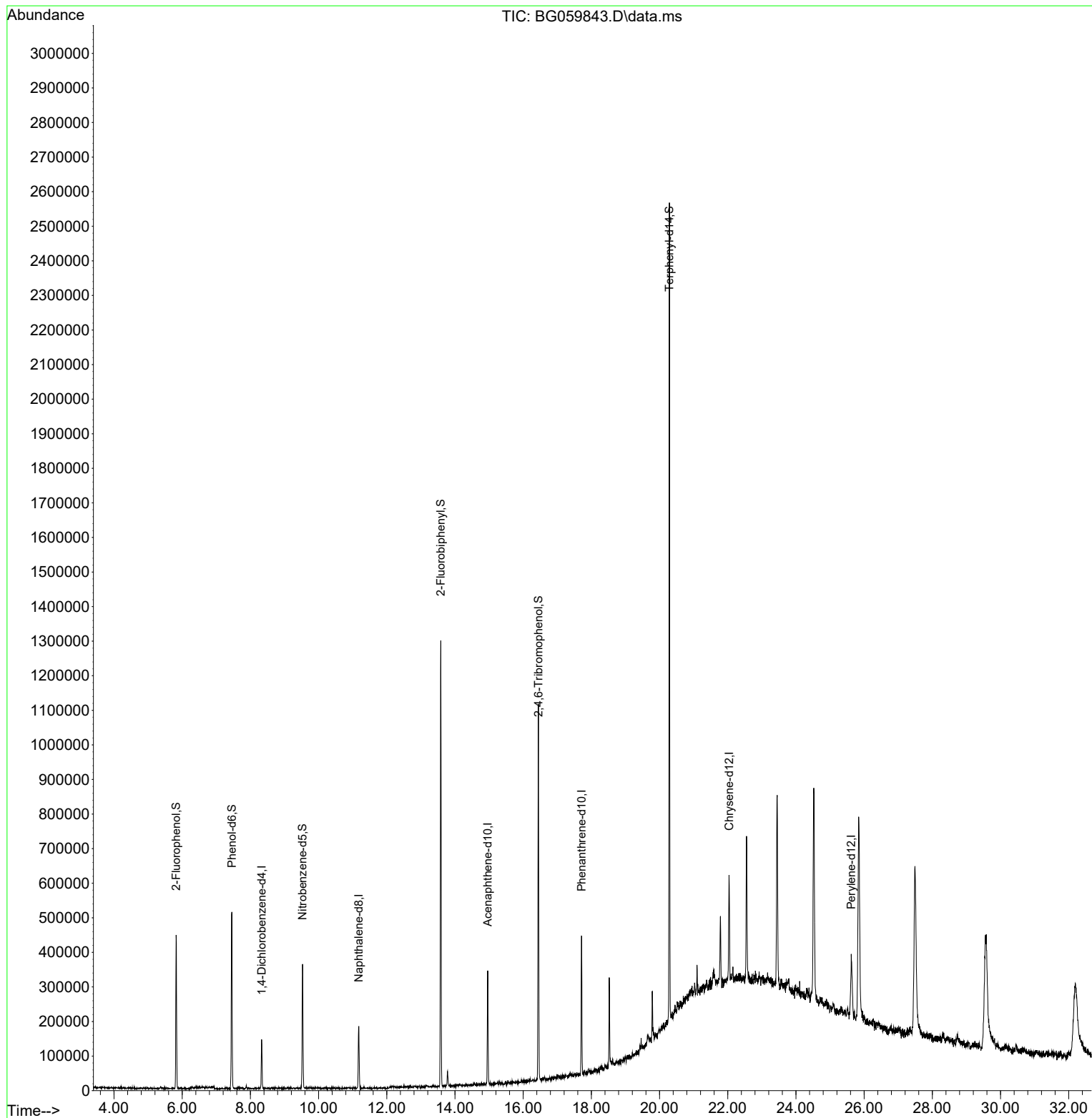
Target Compounds	Qvalue

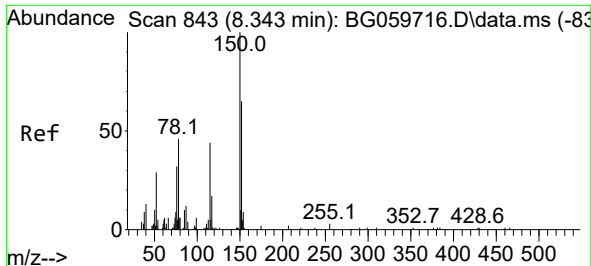
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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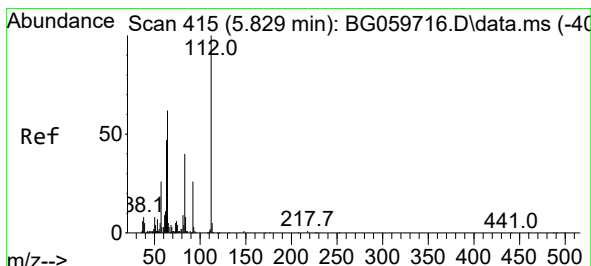
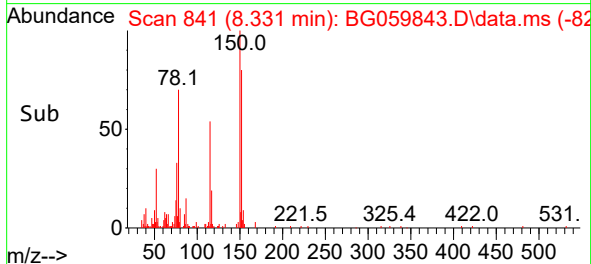
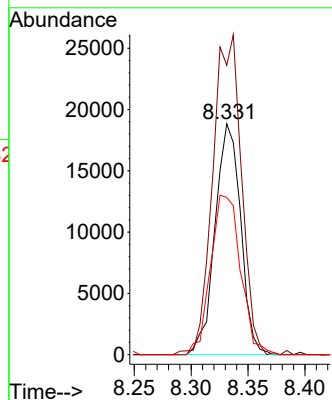
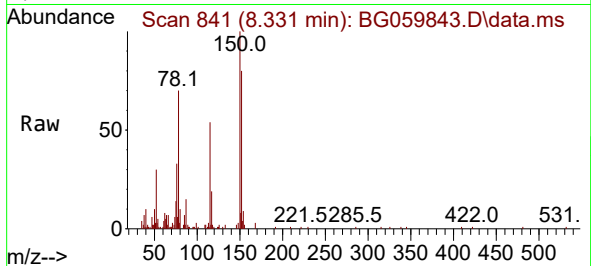




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 84
Delta R.T. -0.012 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

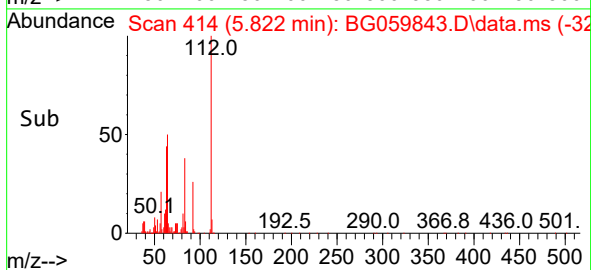
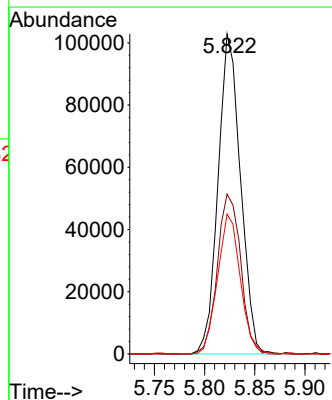
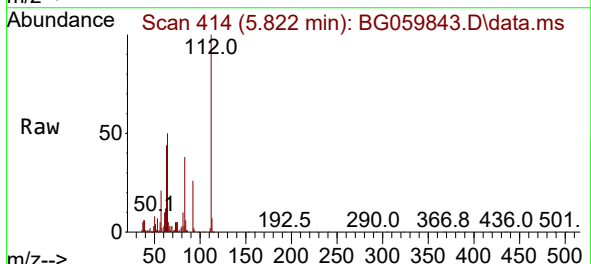
Instrument :
BNA_G
ClientSampleId :
WT-5

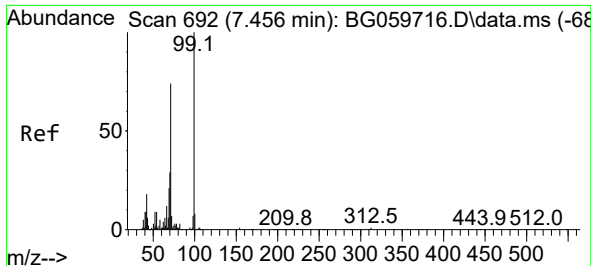
Tgt Ion:152 Resp: 29544
Ion Ratio Lower Upper
152 100
150 125.2 122.2 183.4
115 68.1 54.2 81.4



#5
2-Fluorophenol
Concen: 90.751 ng
RT: 5.822 min Scan# 414
Delta R.T. -0.006 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

Tgt Ion:112 Resp: 159295
Ion Ratio Lower Upper
112 100
64 50.0 49.5 74.3
63 43.7 37.4 56.2

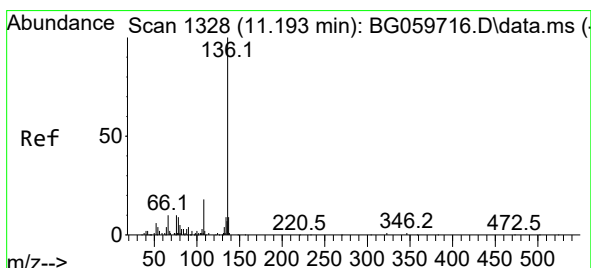
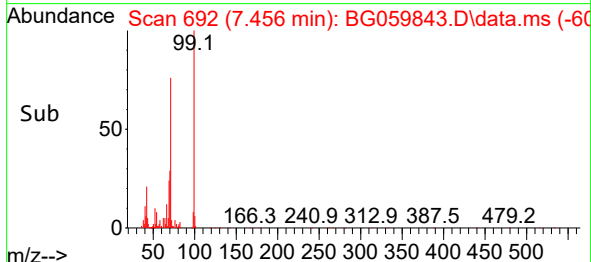
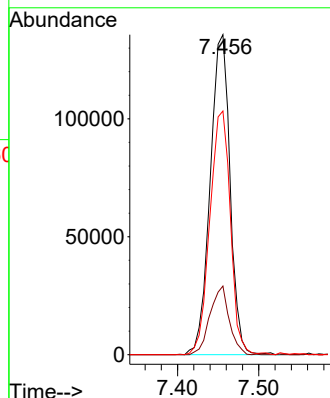
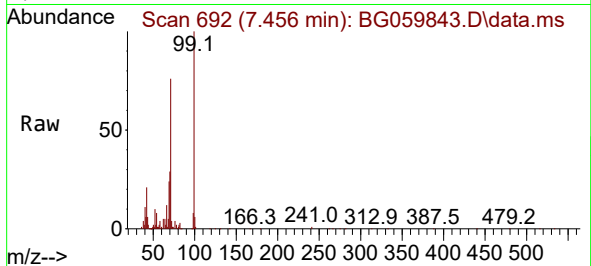




#7
Phenol-d6
Concen: 88.465 ng
RT: 7.456 min Scan# 692
Delta R.T. -0.000 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

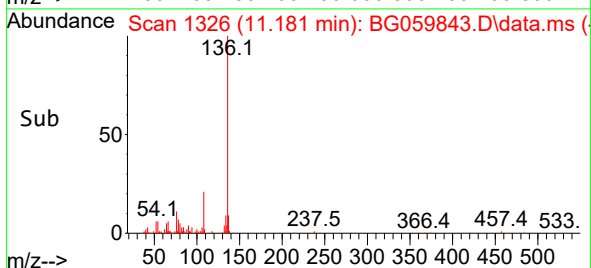
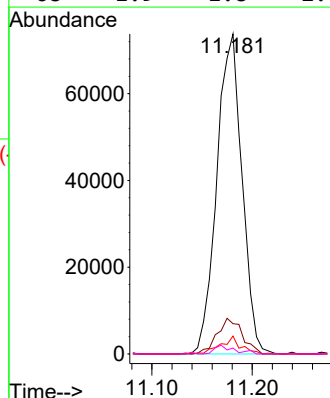
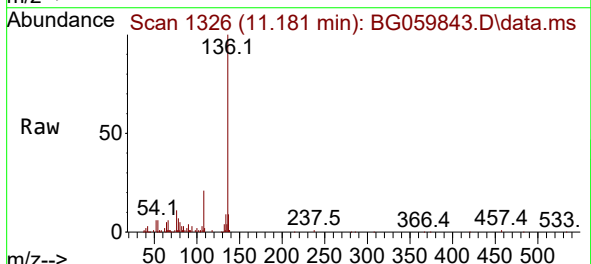
Instrument :
BNA_G
ClientSampleId :
WT-5

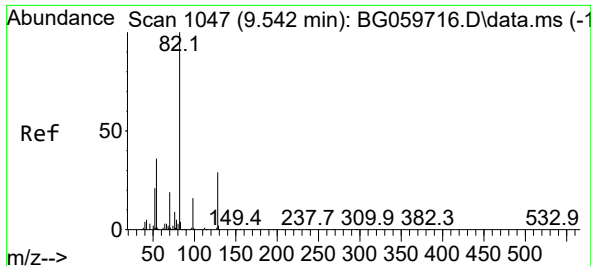
Tgt Ion: 99 Resp: 230113
Ion Ratio Lower Upper
99 100
42 21.5 14.3 21.5
71 76.1 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.181 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

Tgt Ion:136 Resp: 128551
Ion Ratio Lower Upper
136 100
137 9.5 7.4 11.0
54 5.6 3.1 4.7#
68 1.9 1.8 2.8

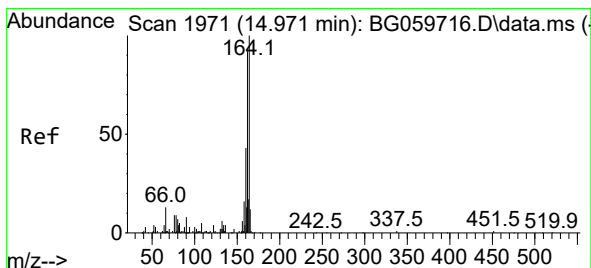
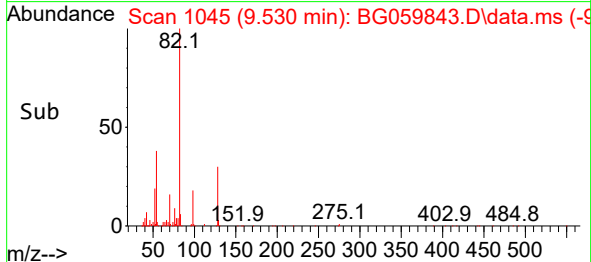
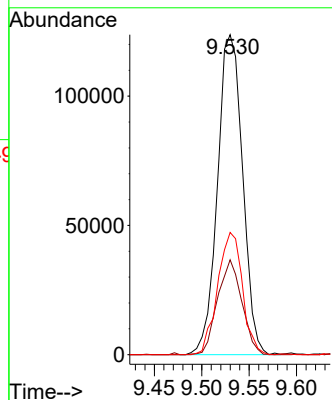
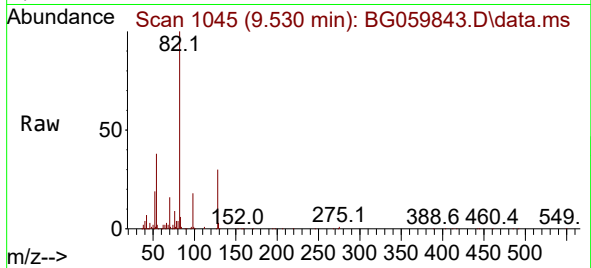




#23
Nitrobenzene-d5
Concen: 67.791 ng
RT: 9.530 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

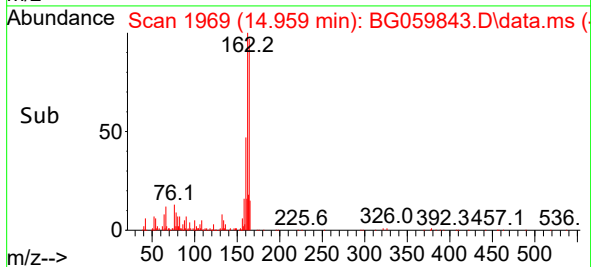
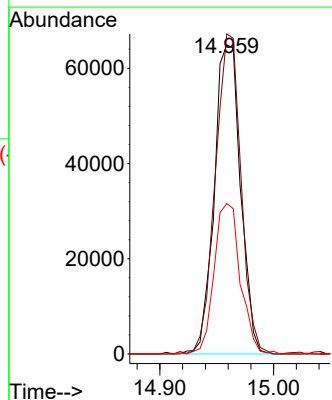
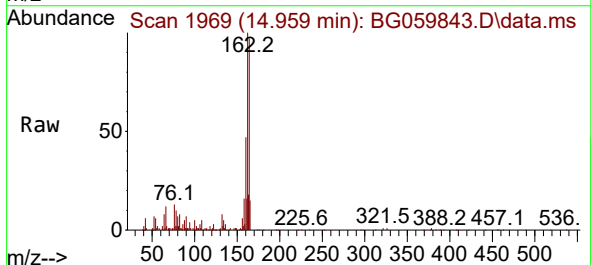
Instrument :
BNA_G
ClientSampleId :
WT-5

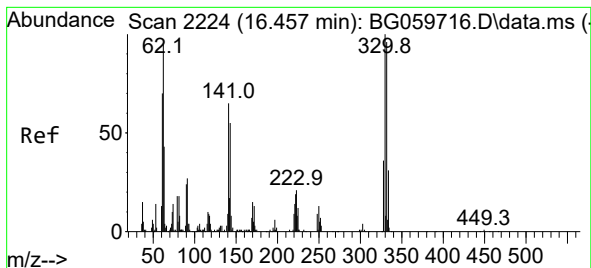
Tgt Ion: 82 Resp: 228178
Ion Ratio Lower Upper
82 100
128 29.6 23.0 34.6
54 38.2 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.959 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

Tgt Ion:164 Resp: 104439
Ion Ratio Lower Upper
164 100
162 103.5 73.3 109.9
160 48.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 120.965 ng

RT: 16.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG059843.D

Acq: 23 Nov 2023 8:35

Instrument :

BNA_G

ClientSampleId :

WT-5

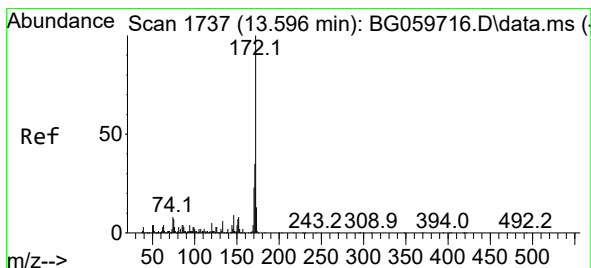
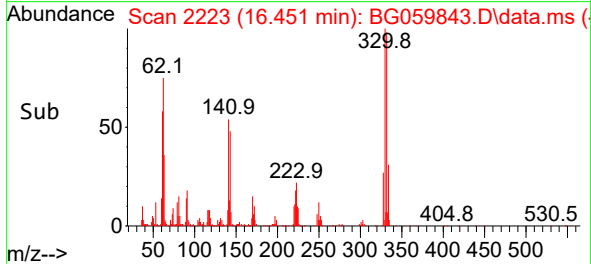
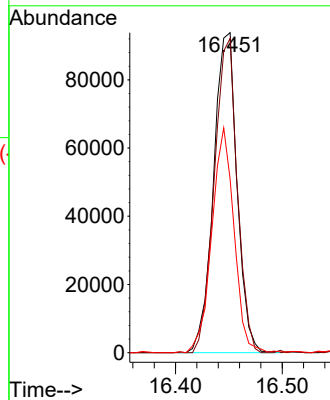
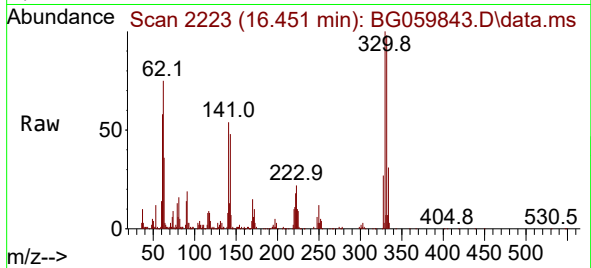
Tgt Ion:330 Resp: 143342

Ion Ratio Lower Upper

330 100

332 96.0 73.3 109.9

141 66.4 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 71.412 ng

RT: 13.584 min Scan# 1735

Delta R.T. -0.012 min

Lab File: BG059843.D

Acq: 23 Nov 2023 8:35

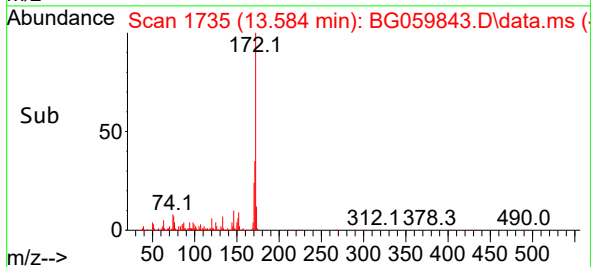
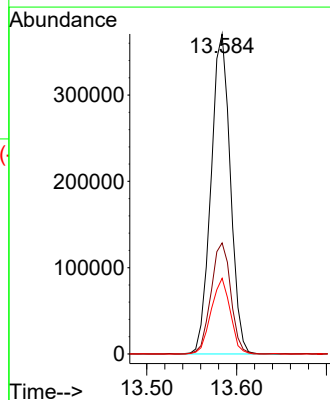
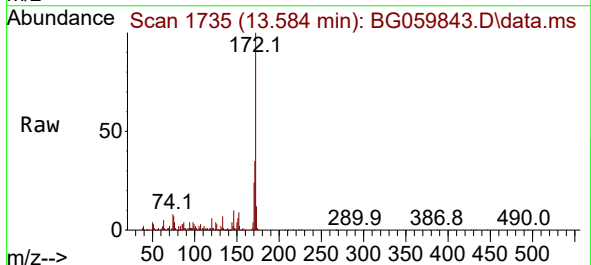
Tgt Ion:172 Resp: 554080

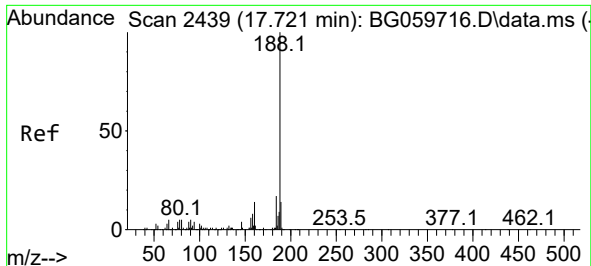
Ion Ratio Lower Upper

172 100

171 34.7 27.7 41.5

170 23.6 18.4 27.6

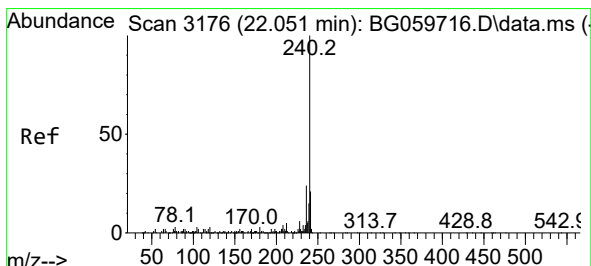
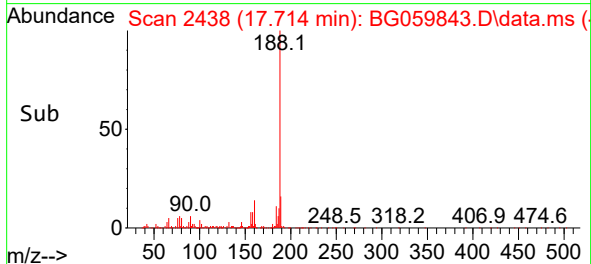
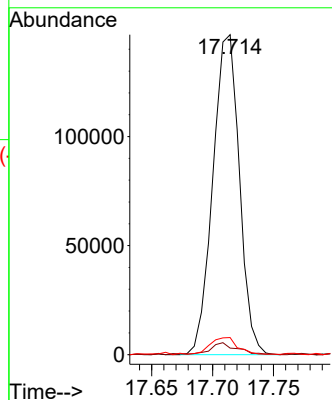
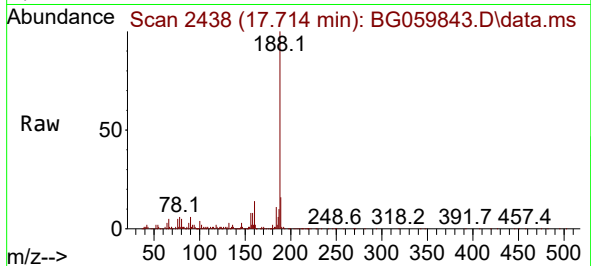




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.714 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

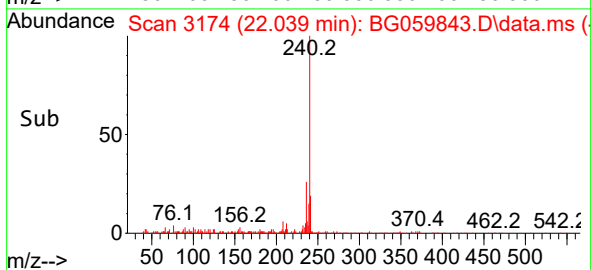
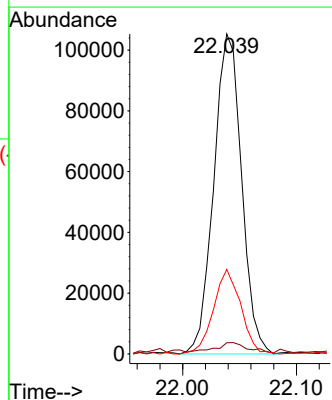
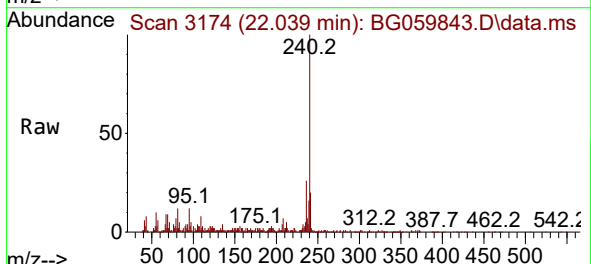
Instrument :
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ClientSampleId :
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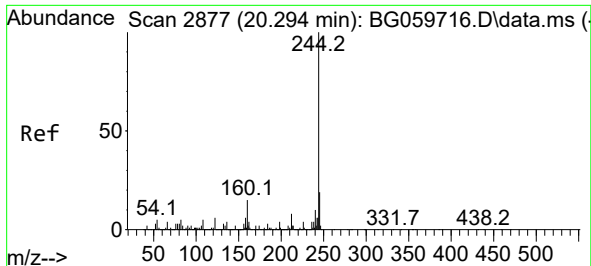
Tgt Ion:188 Resp: 222353
Ion Ratio Lower Upper
188 100
94 2.1 3.0 4.4#
80 5.4 4.2 6.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.039 min Scan# 3174
Delta R.T. -0.012 min
Lab File: BG059843.D
Acq: 23 Nov 2023 8:35

Tgt Ion:240 Resp: 178842
Ion Ratio Lower Upper
240 100
120 3.5 2.2 3.2#
236 26.4 19.4 29.2

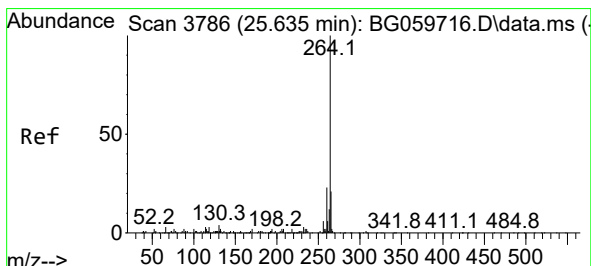
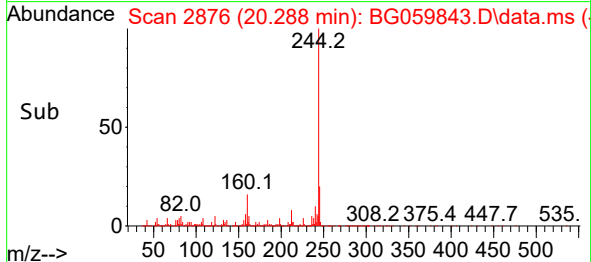
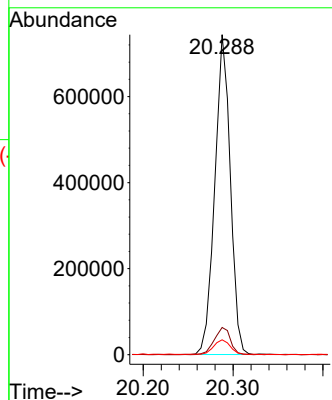
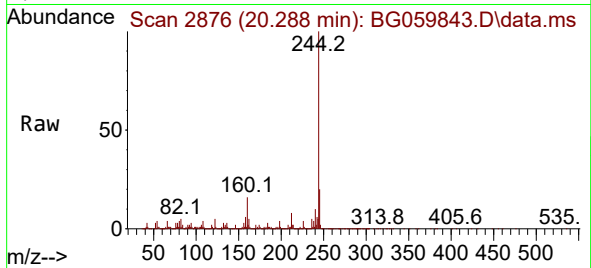




#79
 Terphenyl-d14
 Concen: 73.535 ng
 RT: 20.288 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG059843.D
 Acq: 23 Nov 2023 8:35

Instrument :
 BNA_G
 ClientSampleId :
 WT-5

Tgt Ion:244 Resp: 890852
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.6 10.0
 122 4.6 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.623 min Scan# 3784
 Delta R.T. -0.012 min
 Lab File: BG059843.D
 Acq: 23 Nov 2023 8:35

Tgt Ion:264 Resp: 195876
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 20.6 17.0 25.6

