

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057076.D
 Acq On : 12 Apr 2023 23:44
 Operator : CG/JU
 Sample : 02283-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230334-COMP-12

Quant Time: Apr 13 05:28:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	14994	20.000	ng	0.00
21) Naphthalene-d8	11.244	136	58868	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	41654	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	98805	20.000	ng	0.00
76) Chrysene-d12	22.071	240	90281	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	100099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	153095	163.412	ng	0.00
7) Phenol-d6	7.538	99	212625	151.745	ng	0.00
23) Nitrobenzene-d5	9.582	82	136428	94.828	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	104395	156.882	ng	0.00
45) 2-Fluorobiphenyl	13.641	172	296487	96.519	ng	0.00
79) Terphenyl-d14	20.326	244	543769	101.920	ng	0.00

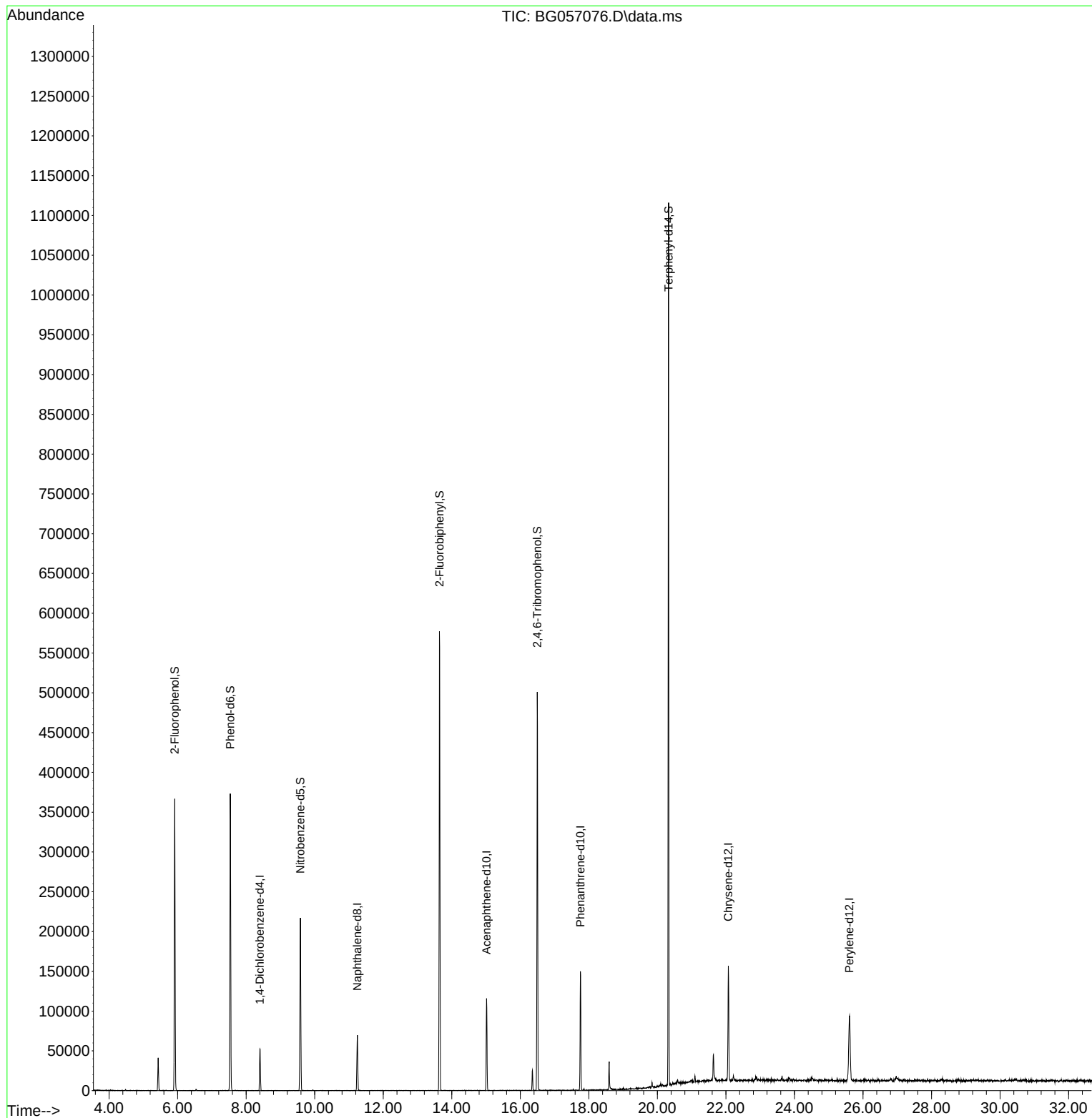
Target Compounds	Qvalue

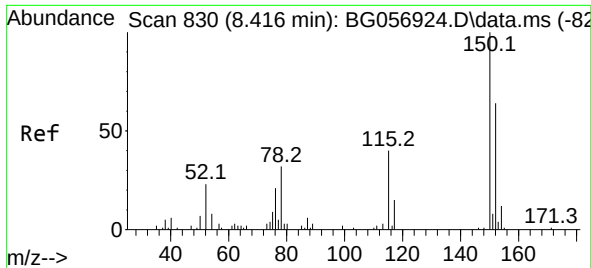
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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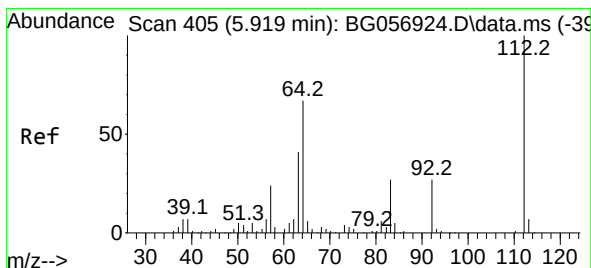
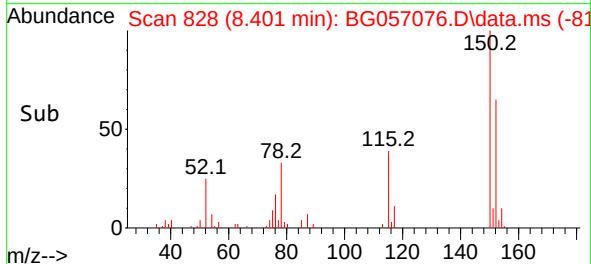
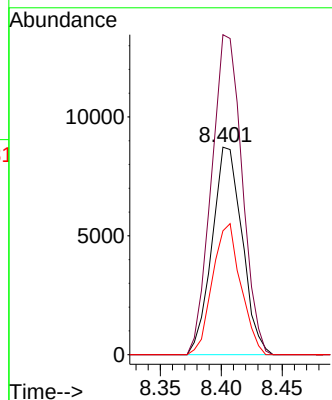
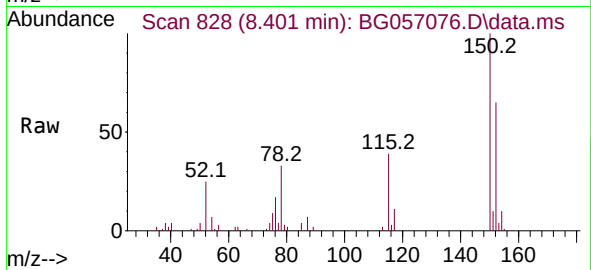




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

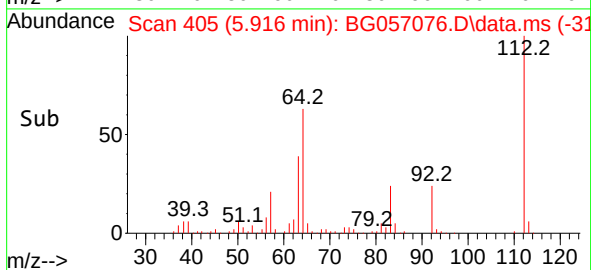
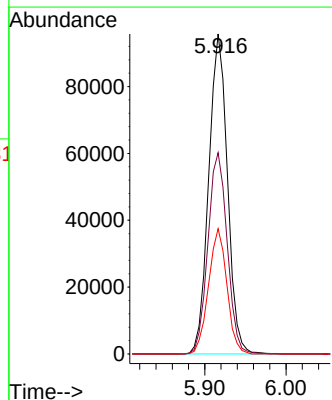
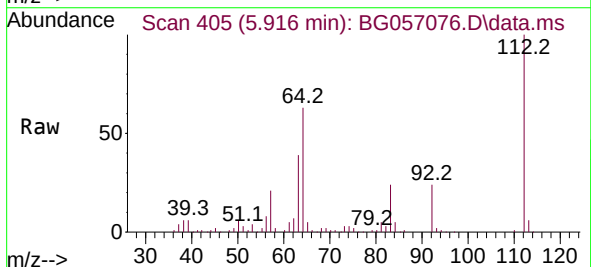
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

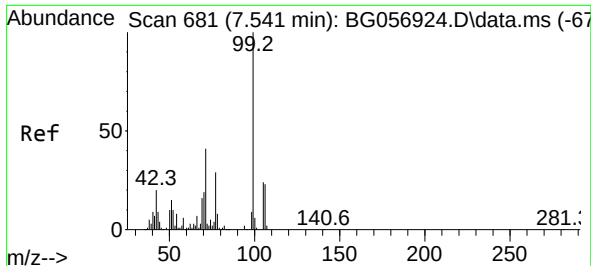
Tgt Ion:152 Resp: 14994
Ion Ratio Lower Upper
152 100
150 154.2 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 163.412 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:112 Resp: 153095
Ion Ratio Lower Upper
112 100
64 62.9 53.2 79.8
63 39.2 32.6 48.8

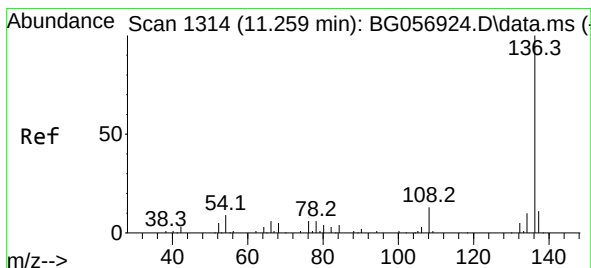
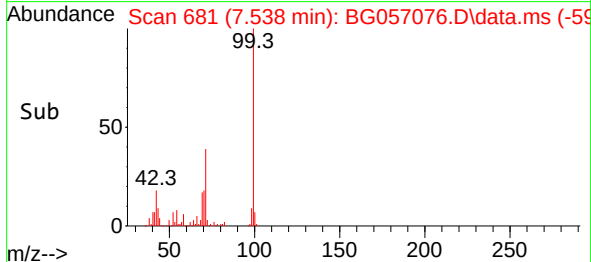
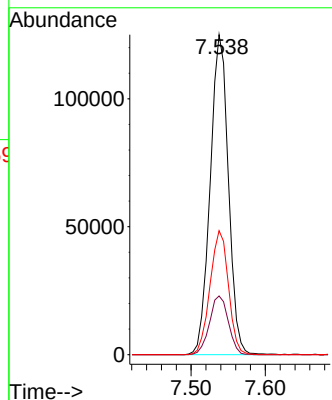
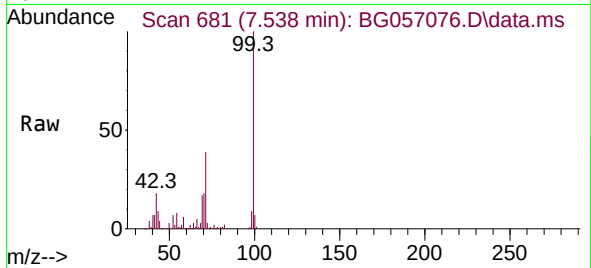




#7
Phenol-d6
Concen: 151.745 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

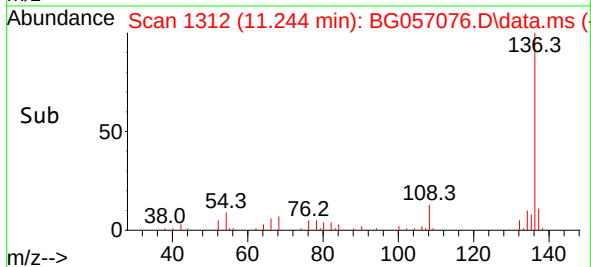
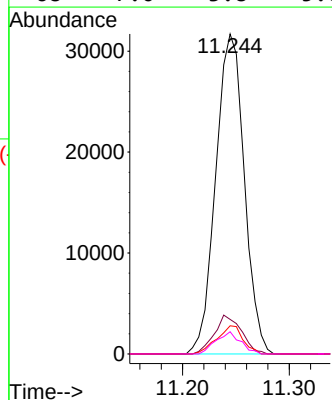
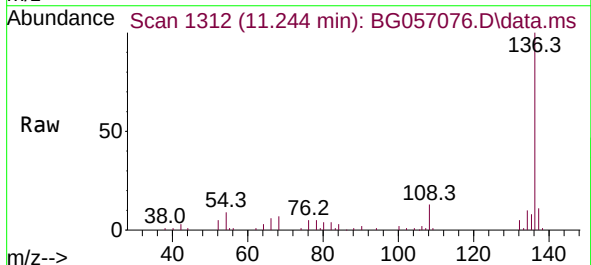
Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

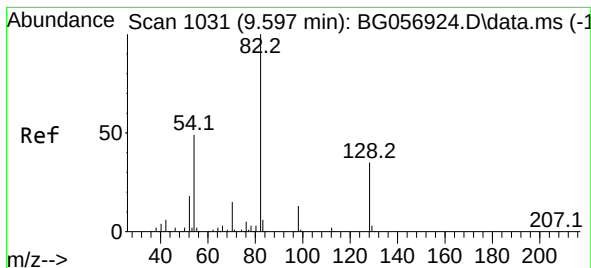
Tgt Ion: 99 Resp: 212625
Ion Ratio Lower Upper
99 100
42 18.3 15.7 23.5
71 38.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.244 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:136 Resp: 58868
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 6.9 10.3
68 7.0 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 94.828 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057076.D

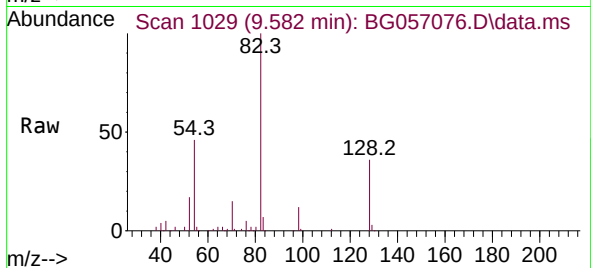
Acq: 12 Apr 2023 23:44

Instrument :

BNA_G

ClientSampleId :

20230334-COMP-12



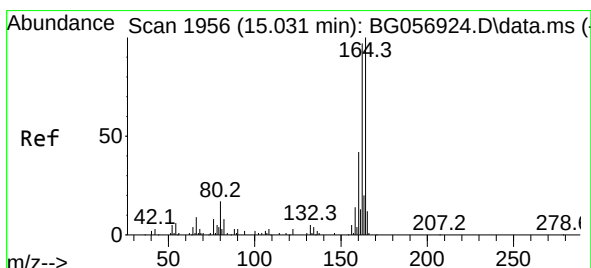
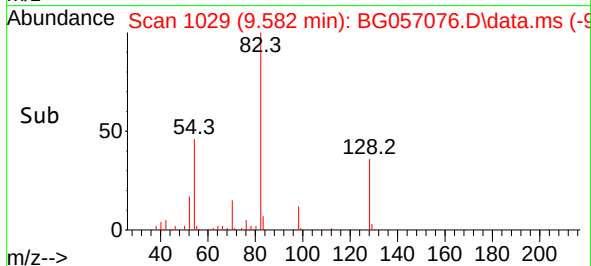
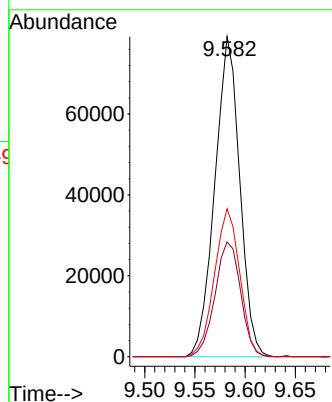
Tgt Ion: 82 Resp: 136428

Ion Ratio Lower Upper

82 100

128 35.8 27.9 41.9

54 46.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.004 min

Lab File: BG057076.D

Acq: 12 Apr 2023 23:44

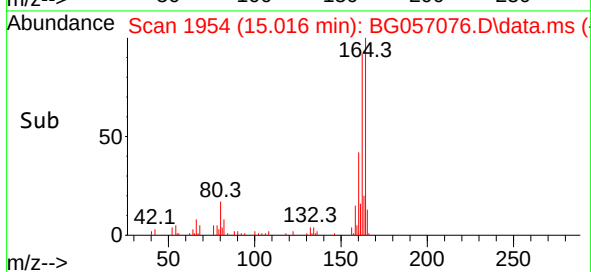
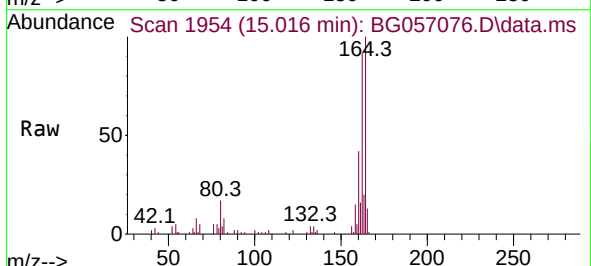
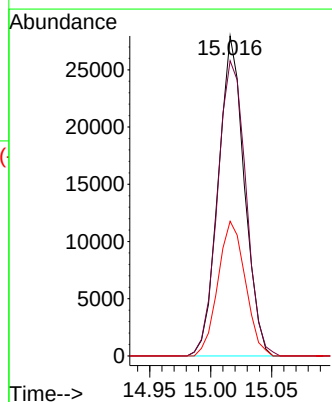
Tgt Ion:164 Resp: 41654

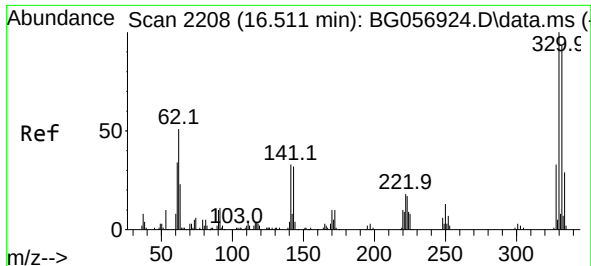
Ion Ratio Lower Upper

164 100

162 92.2 77.8 116.8

160 42.1 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 156.882 ng

RT: 16.496 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057076.D

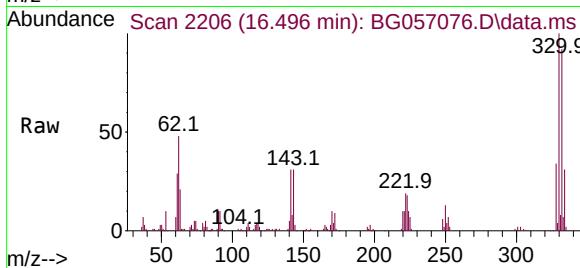
Acq: 12 Apr 2023 23:44

Instrument :

BNA_G

ClientSampleId :

20230334-COMP-12



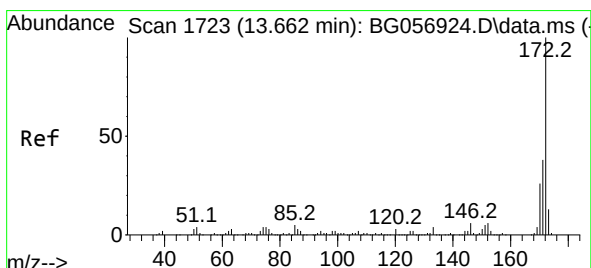
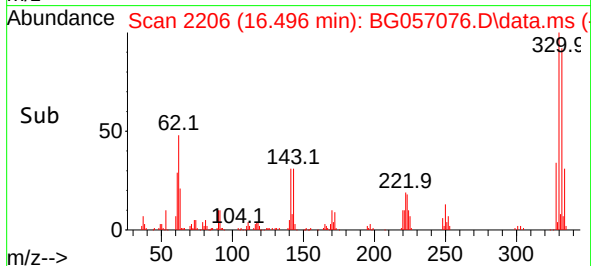
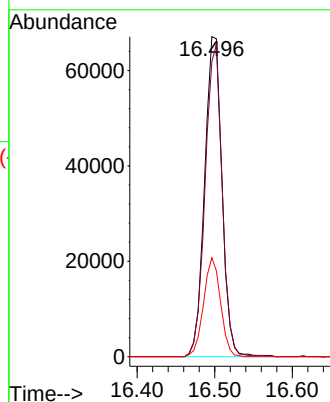
Tgt Ion:330 Resp: 104395

Ion Ratio Lower Upper

330 100

332 95.3 76.1 114.1

141 30.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 96.519 ng

RT: 13.641 min Scan# 1720

Delta R.T. -0.004 min

Lab File: BG057076.D

Acq: 12 Apr 2023 23:44

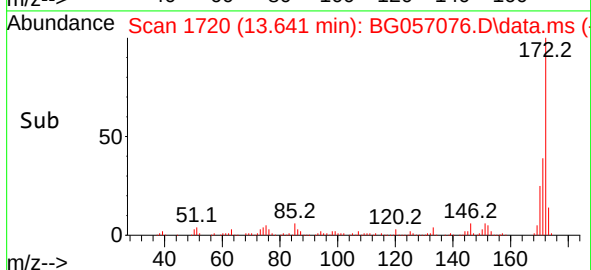
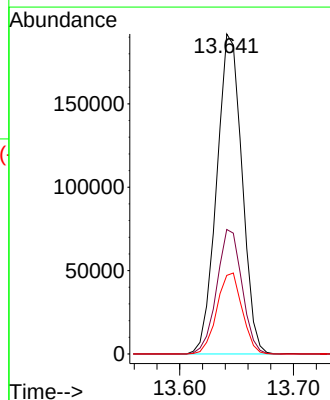
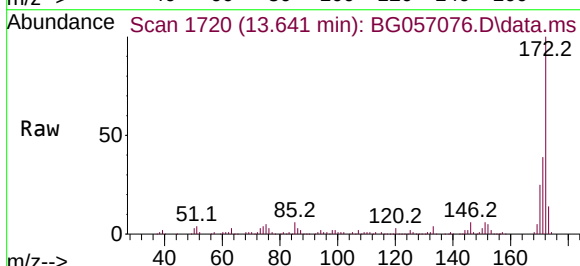
Tgt Ion:172 Resp: 296487

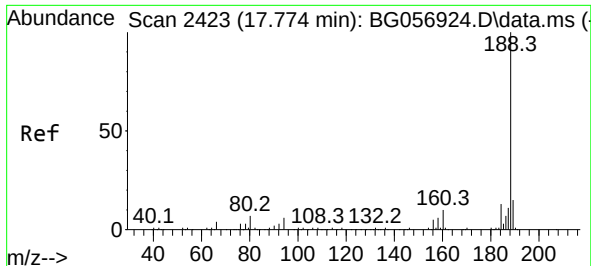
Ion Ratio Lower Upper

172 100

171 38.9 30.6 46.0

170 24.6 20.6 30.8

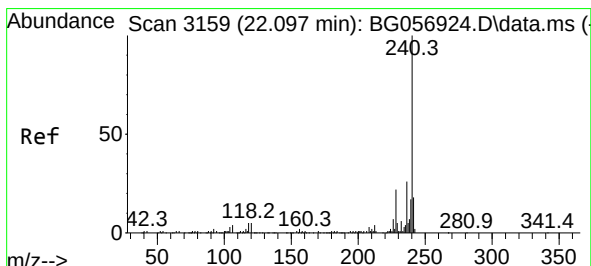
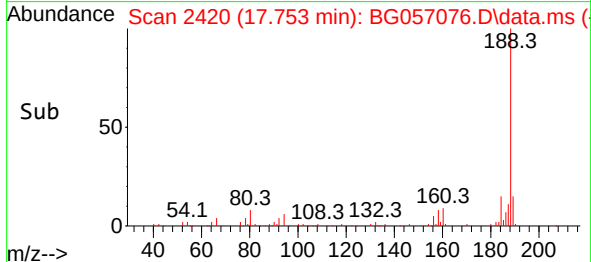
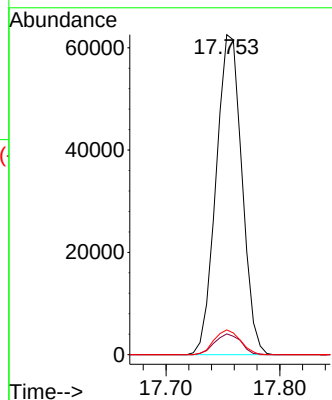
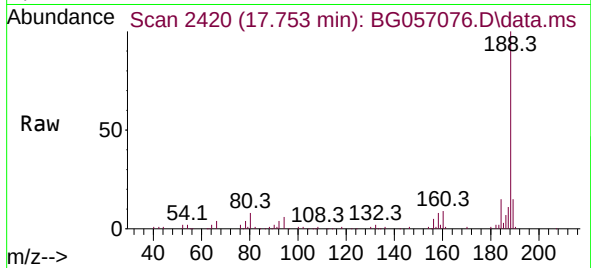




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.753 min Scan# 2420
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

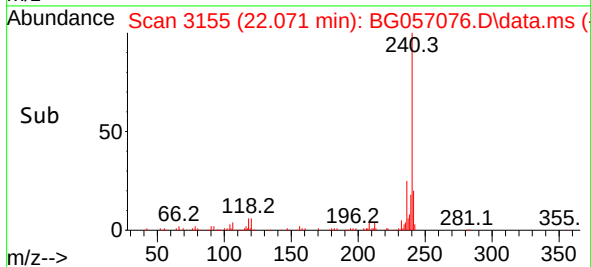
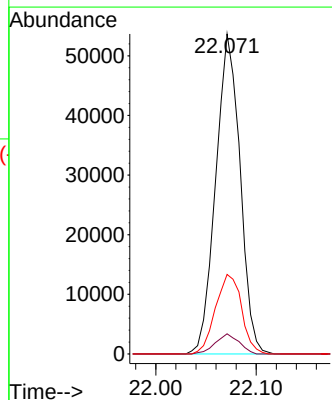
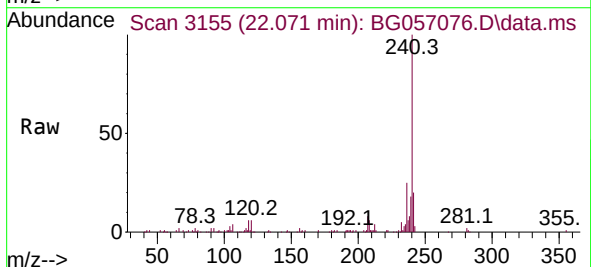
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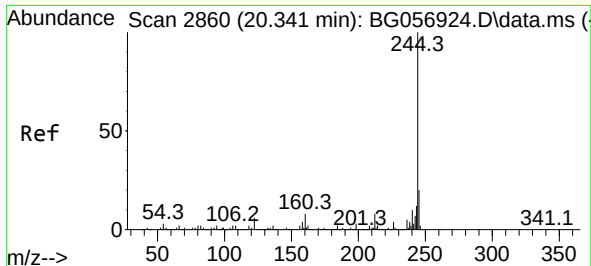
Tgt Ion:188 Resp: 98805
Ion Ratio Lower Upper
188 100
94 6.5 4.6 6.8
80 7.8 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.071 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:240 Resp: 90281
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 24.8 21.0 31.6

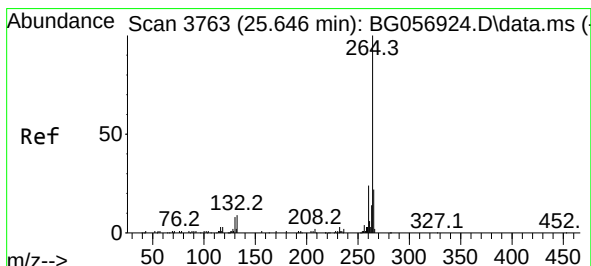
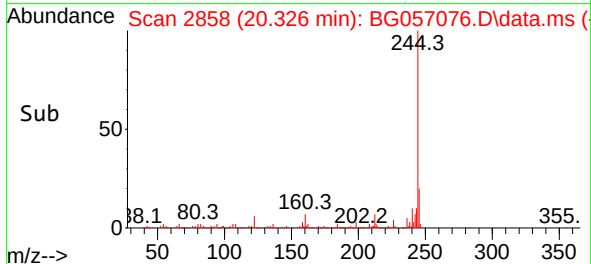
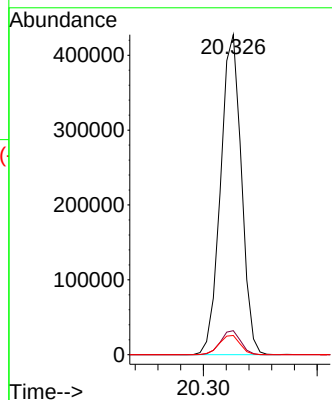
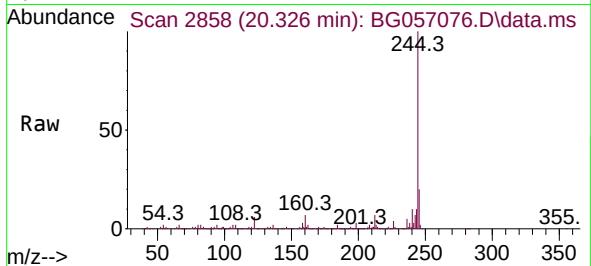




#79
Terphenyl-d14
Concen: 101.920 ng
RT: 20.326 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Instrument :
BNA_G
ClientSampleId :
20230334-COMP-12

Tgt Ion:244 Resp: 543769
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 6.0 5.0 7.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.602 min Scan# 3756
Delta R.T. -0.010 min
Lab File: BG057076.D
Acq: 12 Apr 2023 23:44

Tgt Ion:264 Resp: 100099
Ion Ratio Lower Upper
264 100
260 21.3 19.0 28.4
265 21.1 17.8 26.6

