

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057083.D
 Acq On : 13 Apr 2023 15:39
 Operator : CG/JU
 Sample : PB152099BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152099BL

Quant Time: Apr 13 16:14:27 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	8.403	152	14375	20.000	ng	0.00
21) Naphthalene-d8	11.246	136	57528	20.000	ng	# 0.00
39) Acenaphthene-d10	15.018	164	45228	20.000	ng	0.00
64) Phenanthrene-d10	17.761	188	118461	20.000	ng	# 0.00
76) Chrysene-d12	22.073	240	111366	20.000	ng	0.00
86) Perylene-d12	25.615	264	113710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	128916	143.529	ng	0.00
7) Phenol-d6	7.540	99	179960	133.964	ng	0.00
23) Nitrobenzene-d5	9.584	82	113962	81.057	ng	0.00
42) 2,4,6-Tribromophenol	16.498	330	94207	130.384	ng	0.00
45) 2-Fluorobiphenyl	13.643	172	272407	81.672	ng	0.00
79) Terphenyl-d14	20.328	244	599944	91.159	ng	0.00

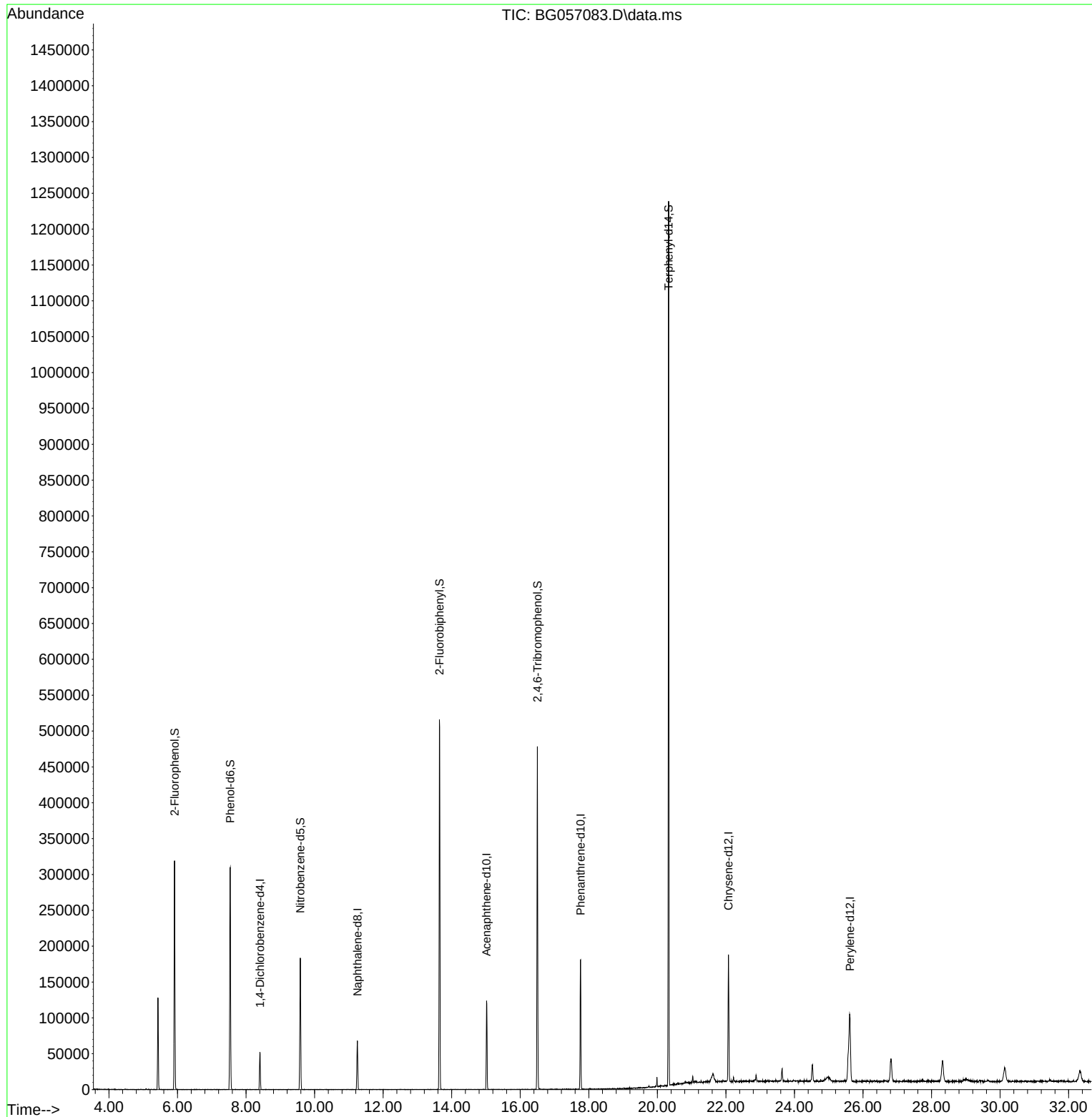
Target Compounds Qvalue

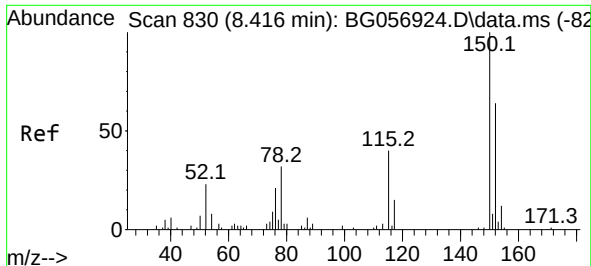
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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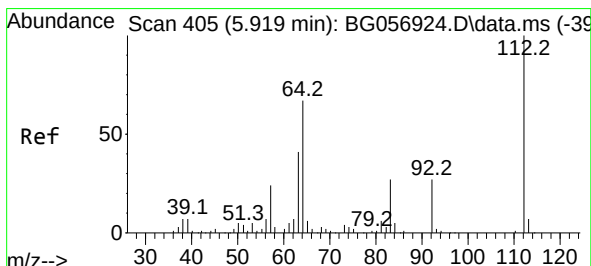
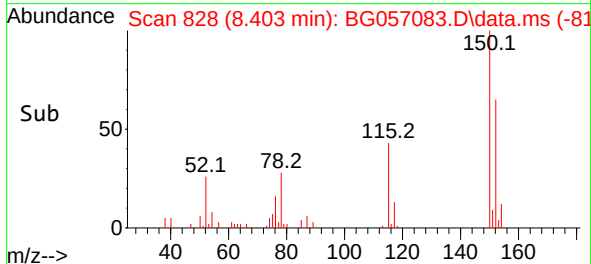
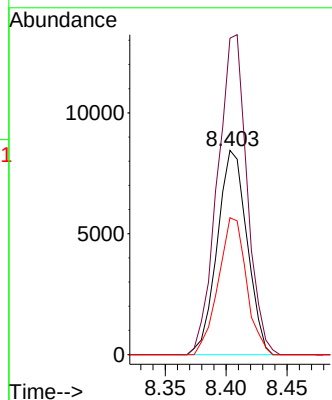
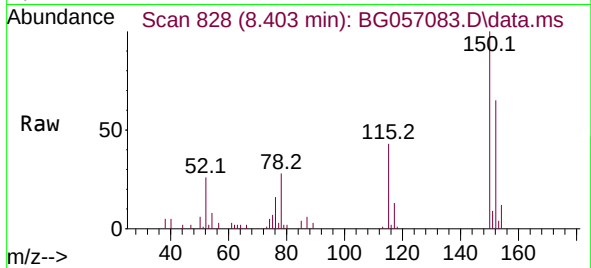




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

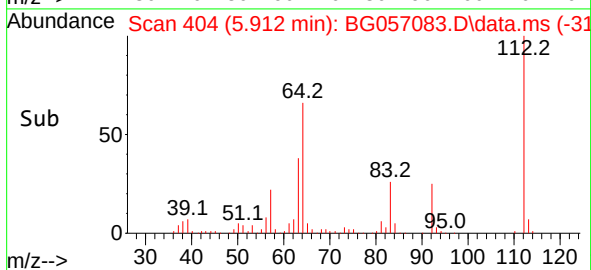
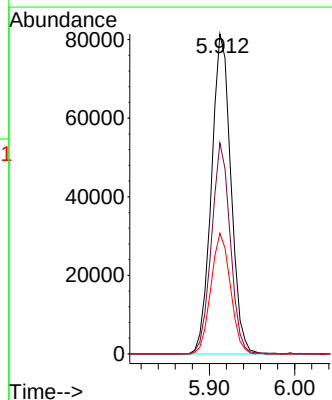
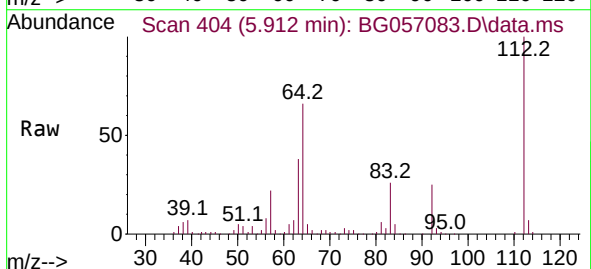
Instrument :
BNA_G
ClientSampleId :
PB152099BL

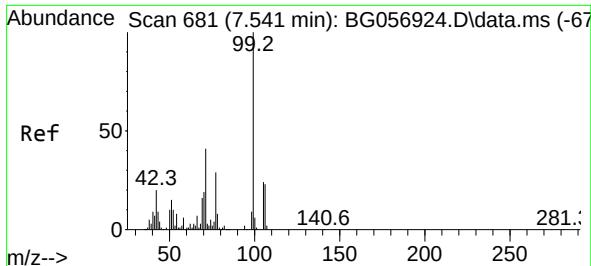
Tgt Ion:152 Resp: 14375
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 67.0 49.1 73.7



#5
2-Fluorophenol
Concen: 143.529 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:112 Resp: 128916
Ion Ratio Lower Upper
112 100
64 65.9 53.2 79.8
63 37.7 32.6 48.8

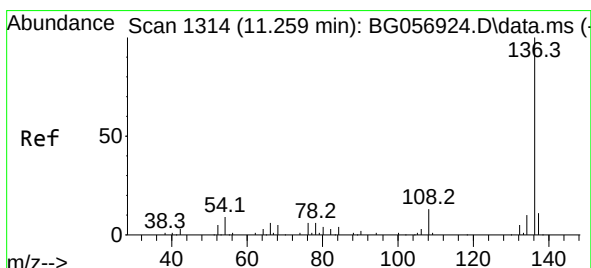
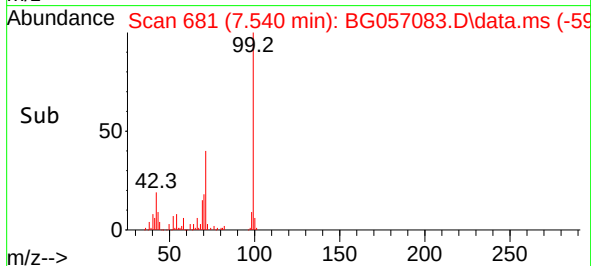
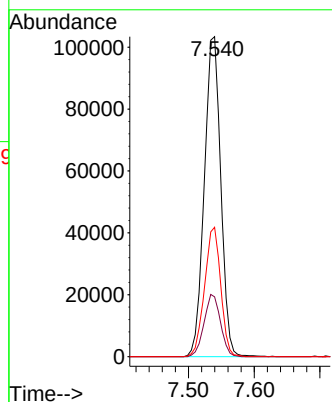
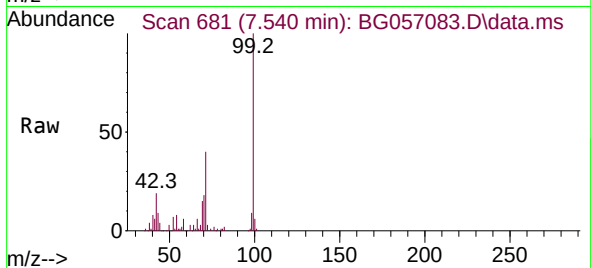




#7
Phenol-d6
Concen: 133.964 ng
RT: 7.540 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

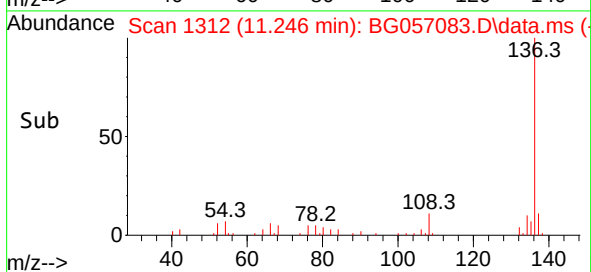
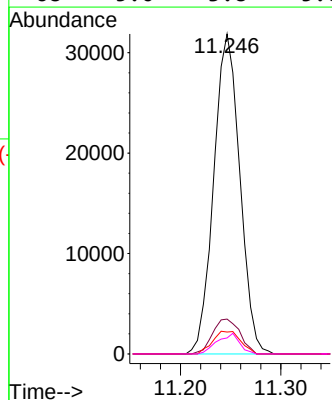
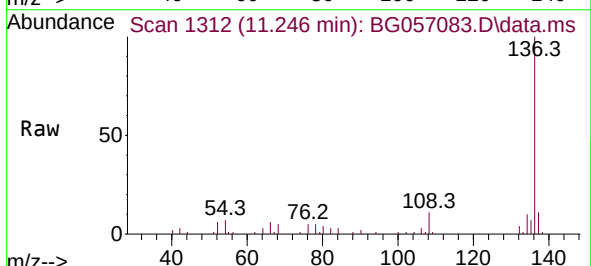
Instrument :
BNA_G
ClientSampleId :
PB152099BL

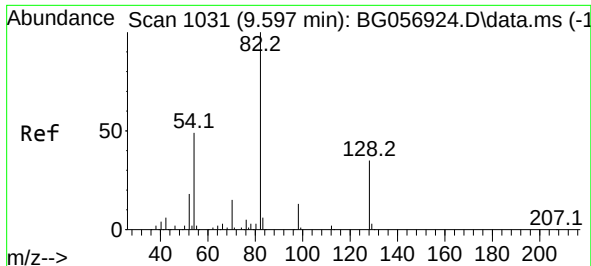
Tgt Ion: 99 Resp: 179960
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 40.4 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.246 min Scan# 1312
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion: 136 Resp: 57528
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 6.8 6.9 10.3#
68 5.0 3.8 5.6

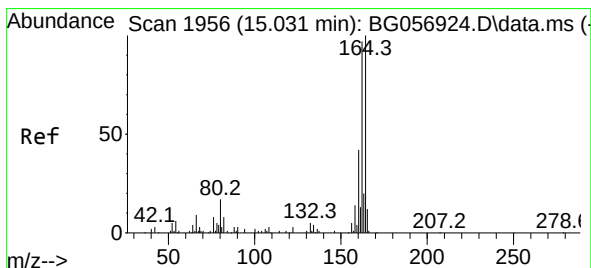
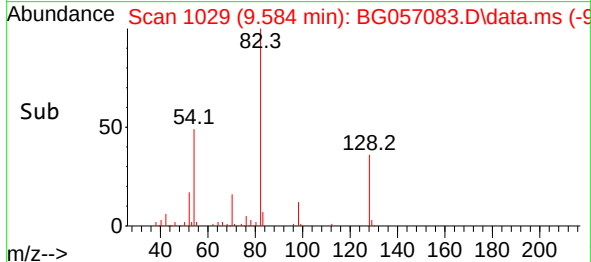
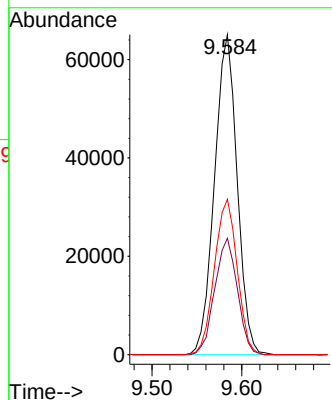
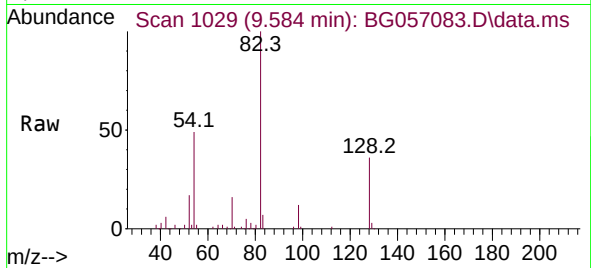




#23
Nitrobenzene-d5
Concen: 81.057 ng
RT: 9.584 min Scan# 1031
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

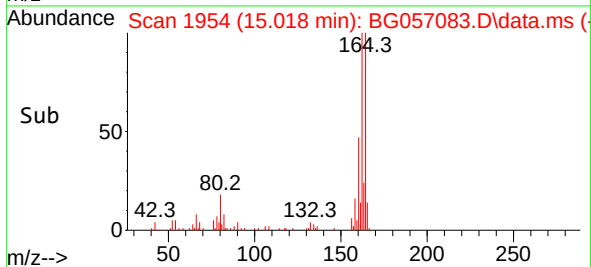
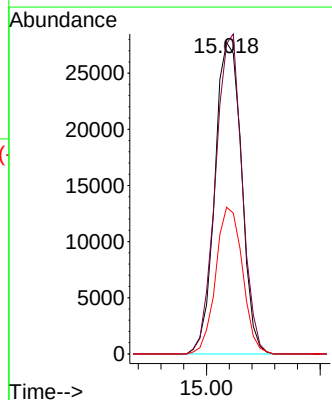
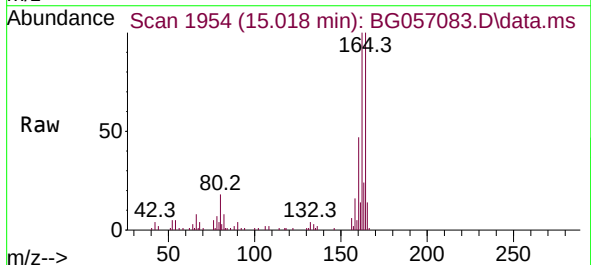
Instrument :
BNA_G
ClientSampleId :
PB152099BL

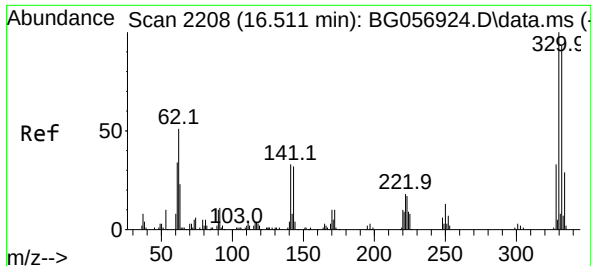
Tgt Ion: 82 Resp: 113962
Ion Ratio Lower Upper
82 100
128 36.4 27.9 41.9
54 48.6 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.018 min Scan# 1954
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion: 164 Resp: 45228
Ion Ratio Lower Upper
164 100
162 99.6 77.8 116.8
160 47.1 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 130.384 ng

RT: 16.498 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057083.D

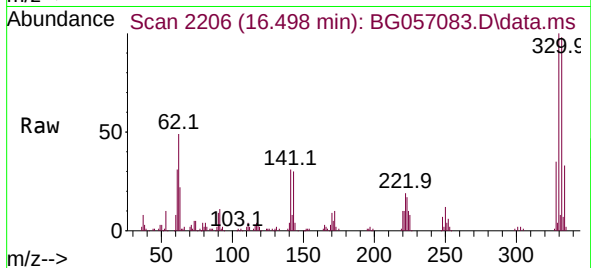
Acq: 13 Apr 2023 15:39

Instrument :

BNA_G

ClientSampleId :

PB152099BL



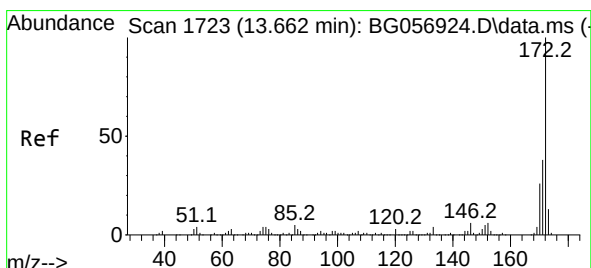
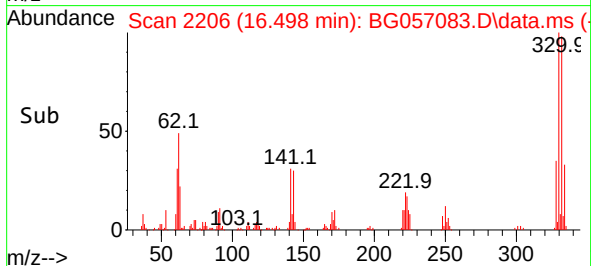
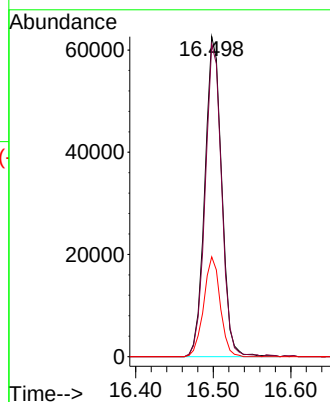
Tgt Ion:330 Resp: 94207

Ion Ratio Lower Upper

330 100

332 95.6 76.1 114.1

141 30.5 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 81.672 ng

RT: 13.643 min Scan# 1720

Delta R.T. -0.002 min

Lab File: BG057083.D

Acq: 13 Apr 2023 15:39

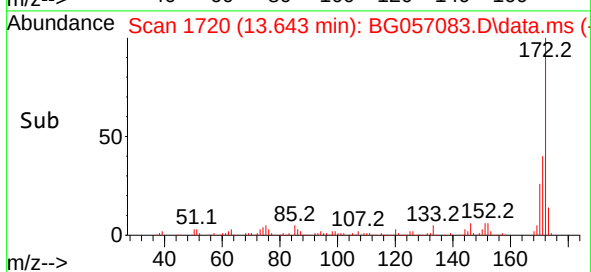
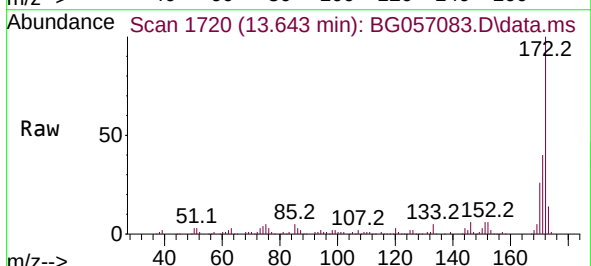
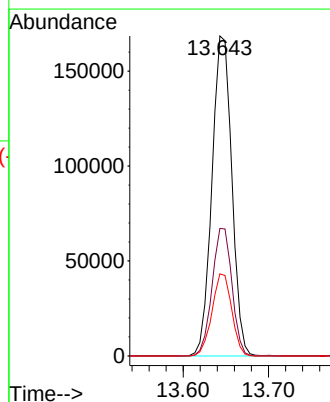
Tgt Ion:172 Resp: 272407

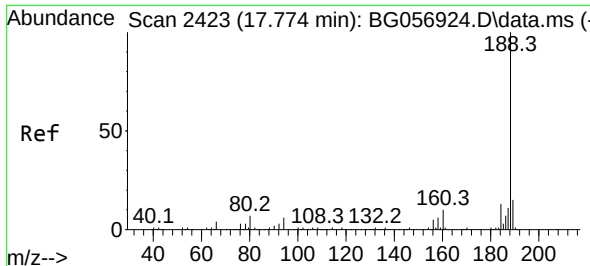
Ion Ratio Lower Upper

172 100

171 39.8 30.6 46.0

170 25.6 20.6 30.8

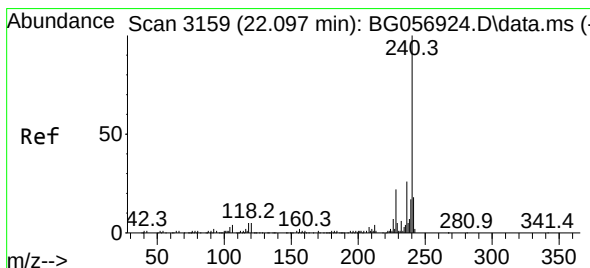
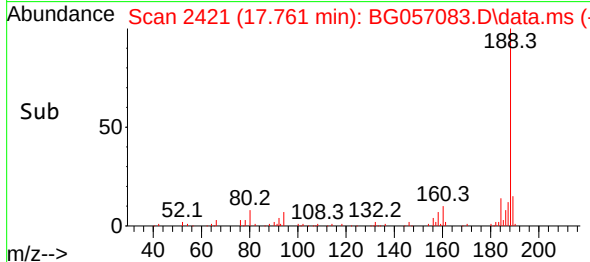
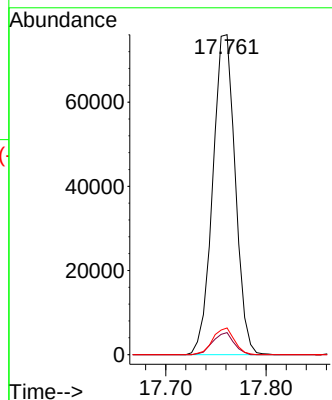
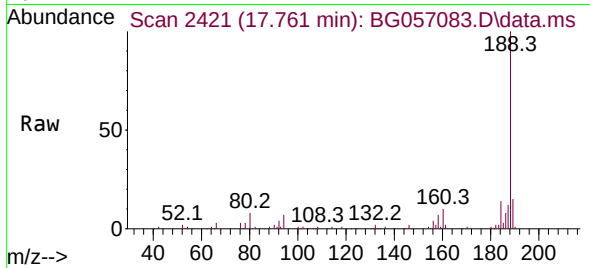




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.761 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

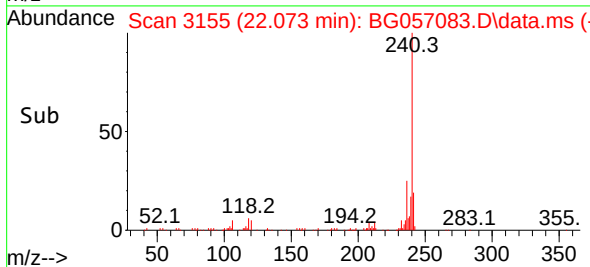
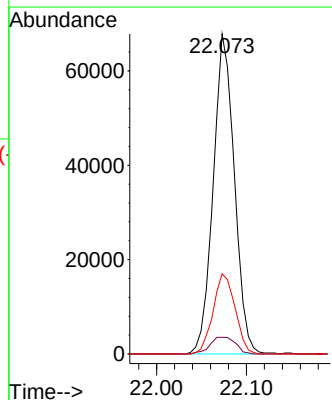
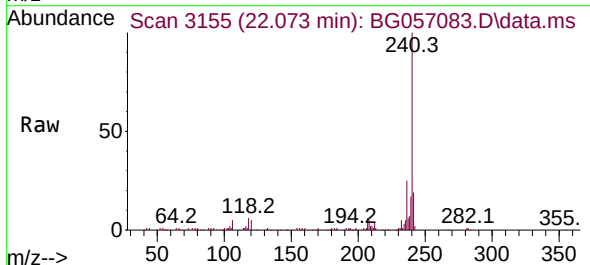
Instrument :
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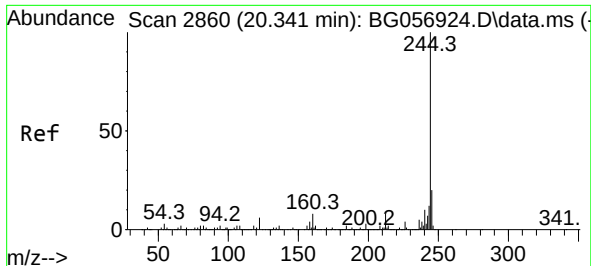
Tgt Ion:188 Resp: 118461
Ion Ratio Lower Upper
188 100
94 6.9 4.6 6.8#
80 8.4 5.5 8.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG057083.D
Acq: 13 Apr 2023 15:39

Tgt Ion:240 Resp: 111366
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 25.0 21.0 31.6

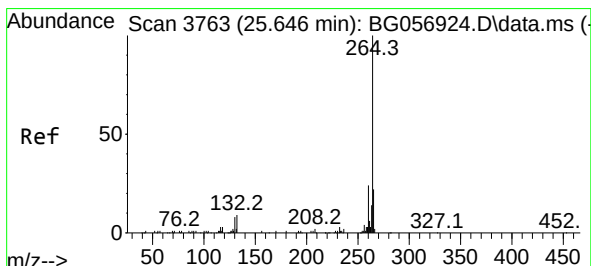
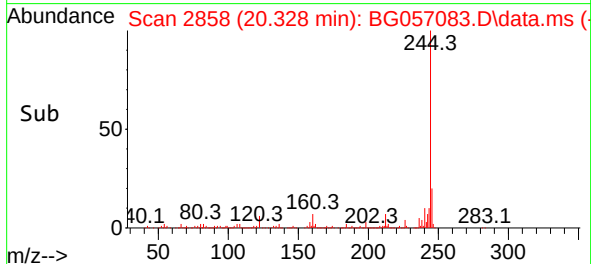
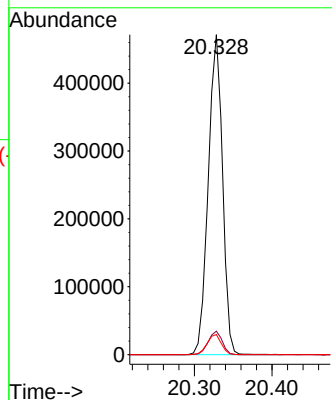
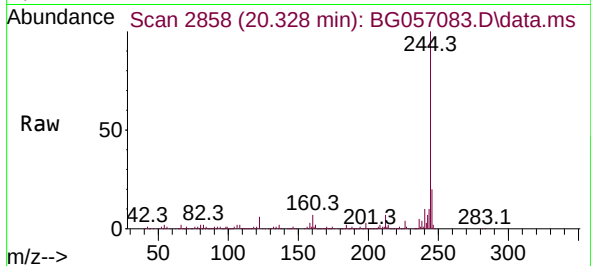




#79
 Terphenyl-d14
 Concen: 91.159 ng
 RT: 20.328 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG057083.D
 Acq: 13 Apr 2023 15:39

Instrument :
 BNA_G
 ClientSampleId :
 PB152099BL

Tgt Ion:244 Resp: 599944
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.3 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.615 min Scan# 3758
 Delta R.T. 0.004 min
 Lab File: BG057083.D
 Acq: 13 Apr 2023 15:39

Tgt Ion:264 Resp: 113710
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 20.1 17.8 26.6

