

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057792.D
 Acq On : 21 Jun 2023 20:07
 Operator : CG/JU
 Sample : 03074-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GP-01

Quant Time: Jun 22 04:52:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	32199	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	146213	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	107169	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	289327	20.000	ng	0.00
76) Chrysene-d12	21.551	240	269465	20.000	ng	0.00
86) Perylene-d12	24.706	264	326725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	260314	124.656	ng	0.00
7) Phenol-d6	7.080	99	380741	119.491	ng	0.00
23) Nitrobenzene-d5	9.084	82	218552	76.716	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	188431	126.222	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	532757	75.400	ng	0.00
79) Terphenyl-d14	19.918	244	1078949	74.662	ng	0.00

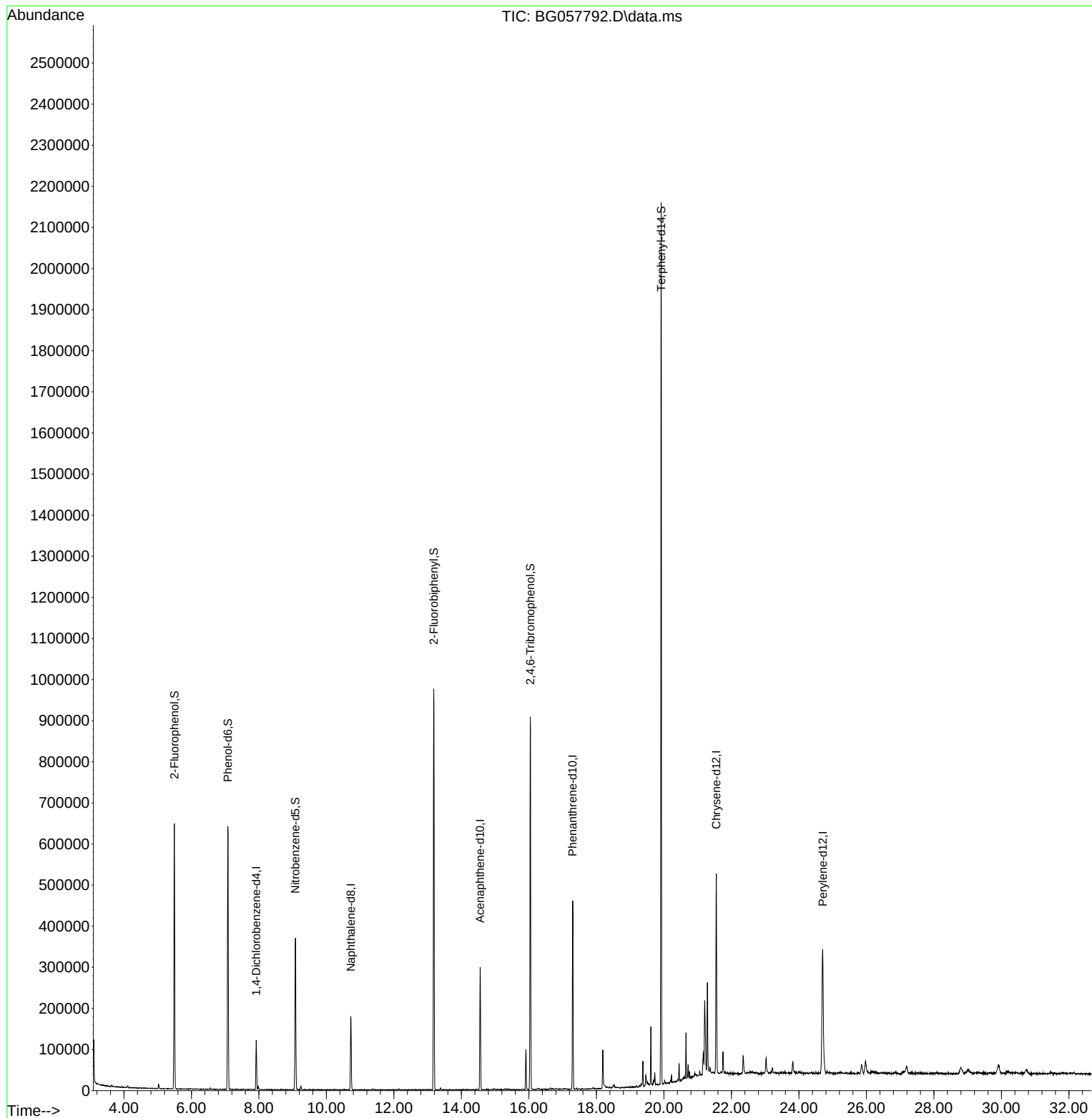
Target Compounds	Qvalue

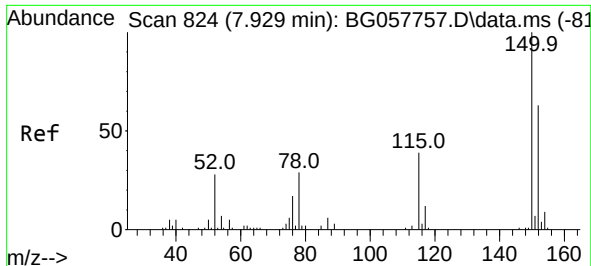
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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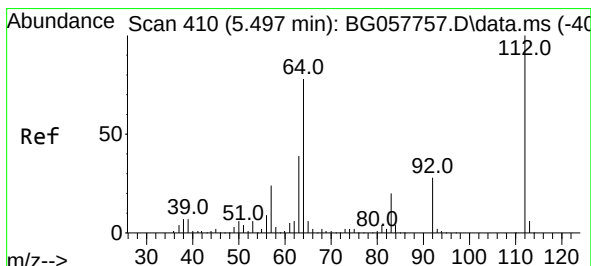
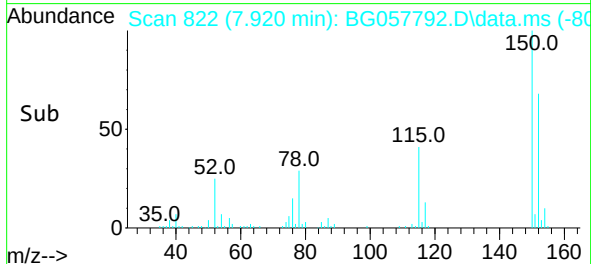
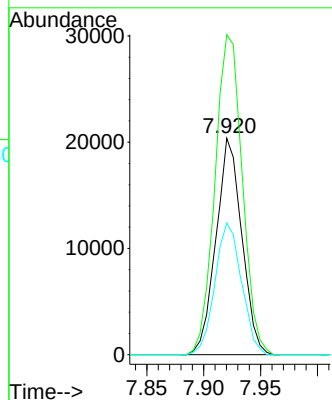
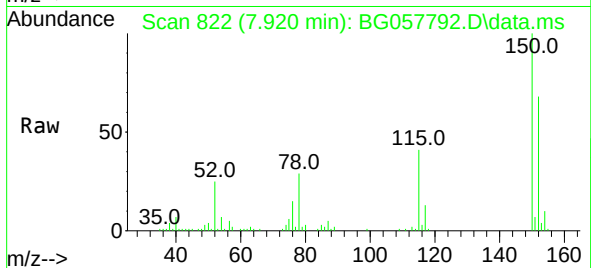




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

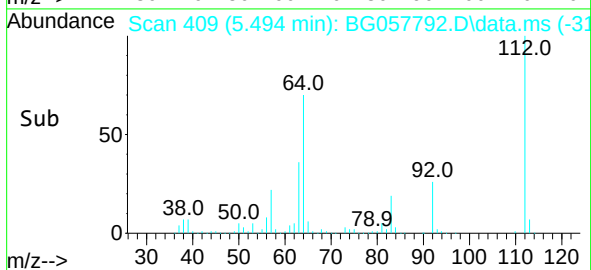
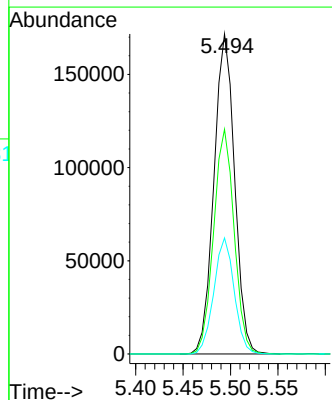
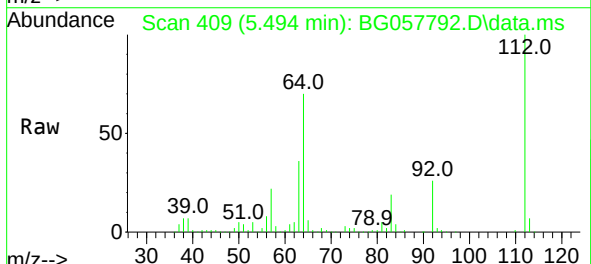
Instrument :
BNA_G
ClientSampleId :
GP-01

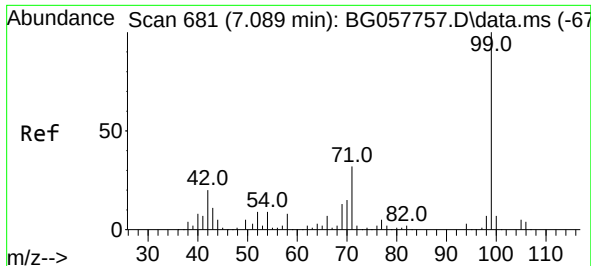
Tgt Ion:152 Resp: 32199
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 60.8 48.9 73.3



#5
2-Fluorophenol
Concen: 124.656 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:112 Resp: 260314
Ion Ratio Lower Upper
112 100
64 70.2 62.1 93.1
63 36.3 31.5 47.3

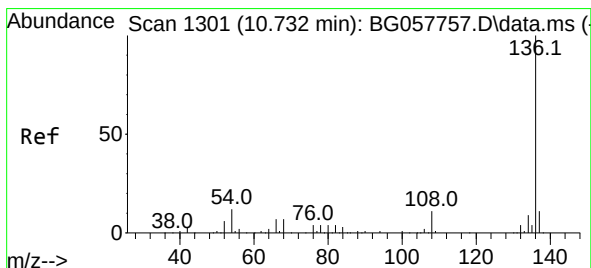
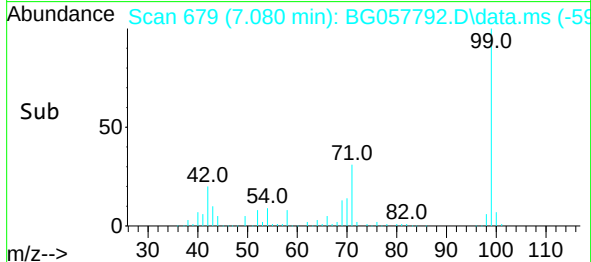
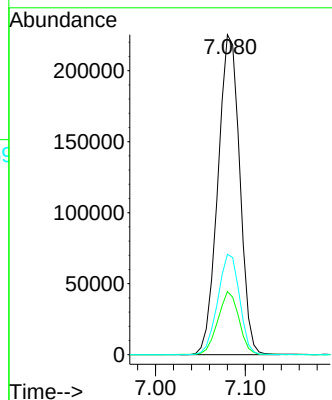
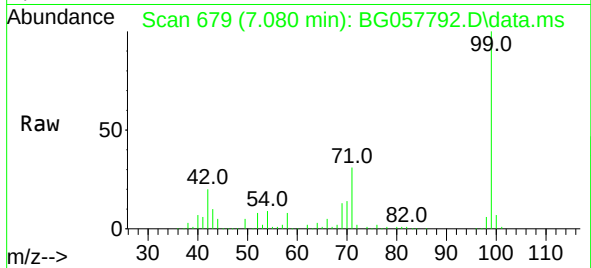




#7
Phenol-d6
Concen: 119.491 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

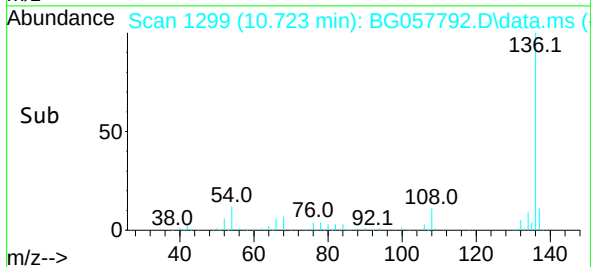
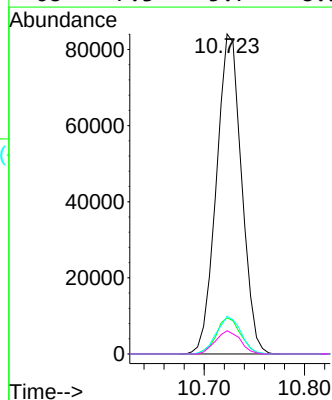
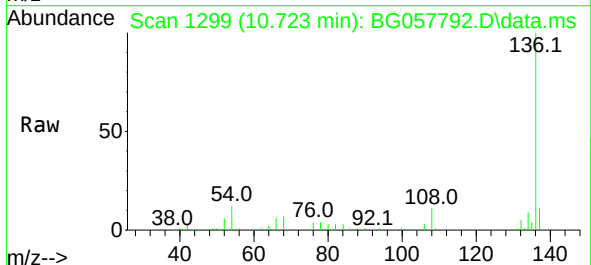
Instrument :
BNA_G
ClientSampleId :
GP-01

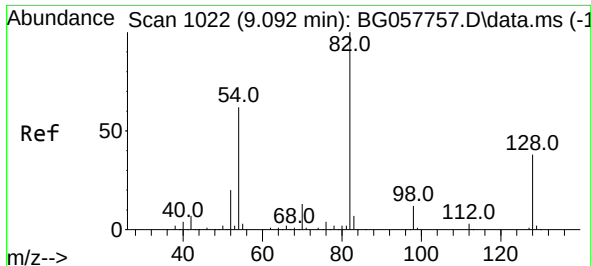
Tgt Ion: 99 Resp: 380741
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 31.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion: 136 Resp: 146213
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.7 9.5 14.3
68 7.3 5.7 8.5

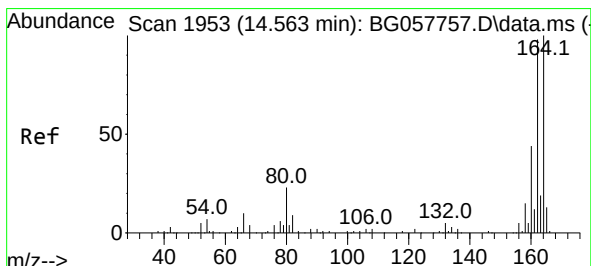
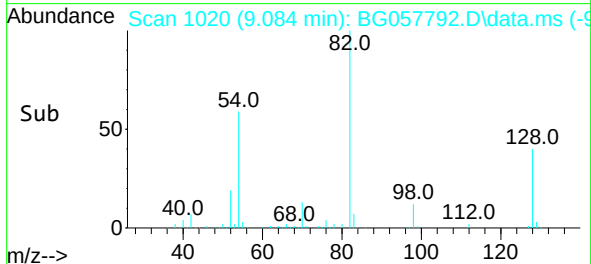
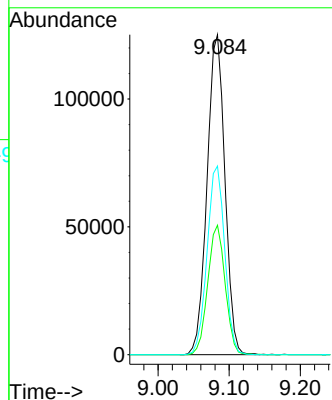
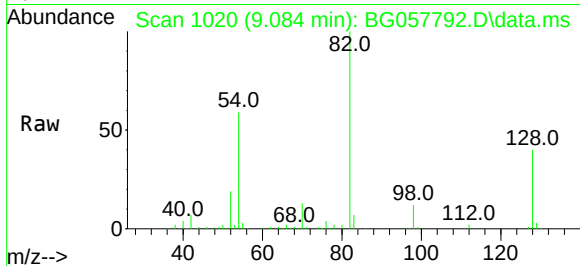




#23
Nitrobenzene-d5
Concen: 76.716 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

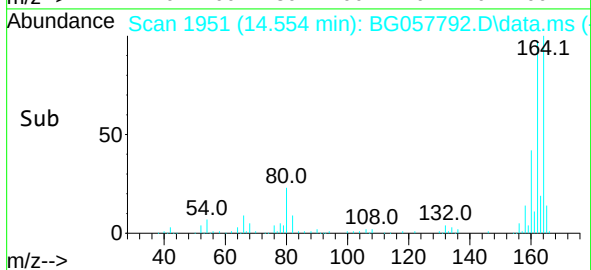
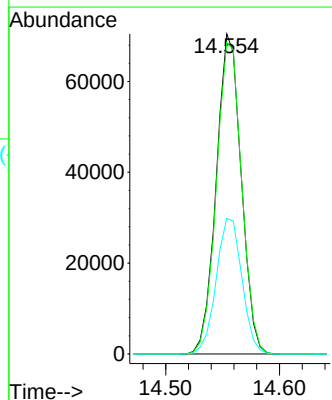
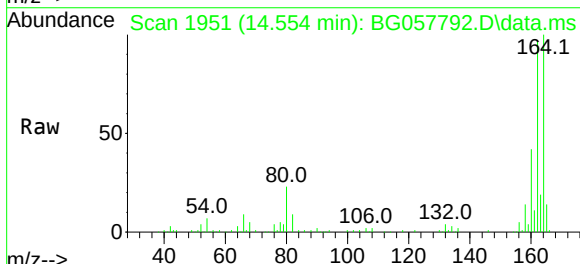
Instrument :
BNA_G
ClientSampleId :
GP-01

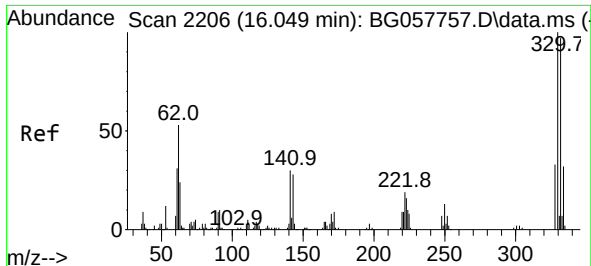
Tgt Ion: 82 Resp: 218552
Ion Ratio Lower Upper
82 100
128 40.4 30.7 46.1
54 59.0 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

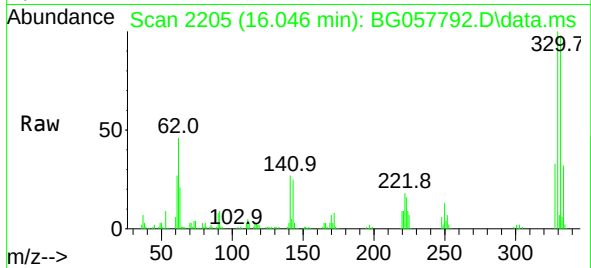
Tgt Ion:164 Resp: 107169
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 42.4 35.4 53.0



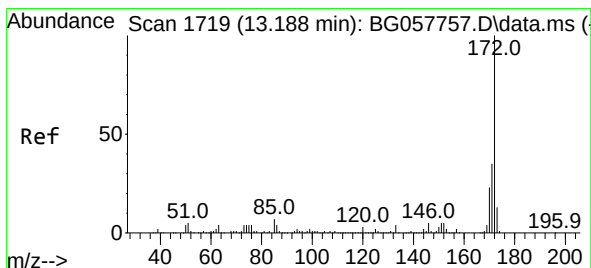
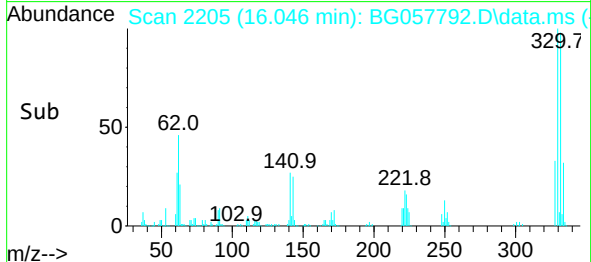
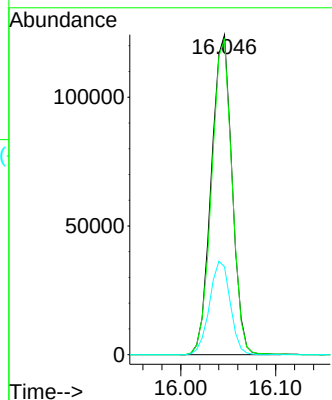


#42
2,4,6-Tribromophenol
Concen: 126.222 ng
RT: 16.046 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :
GP-01

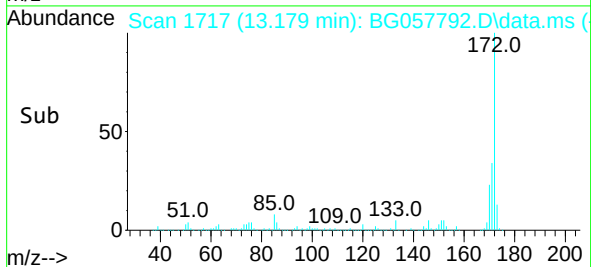
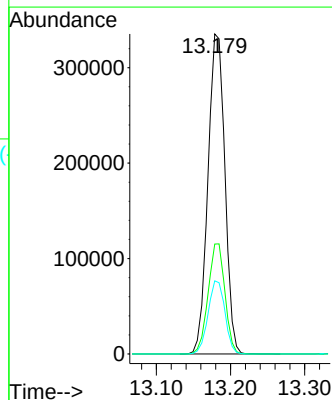
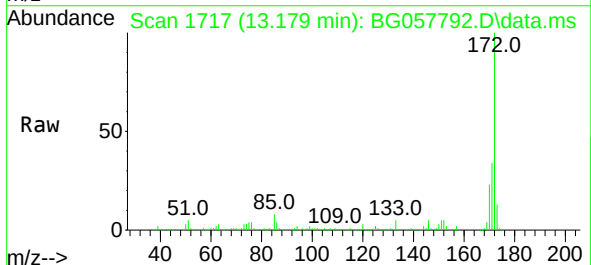


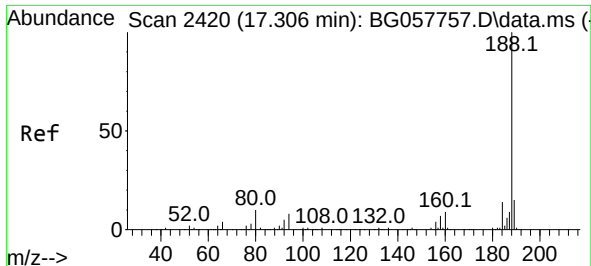
Tgt Ion:330 Resp: 188431
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 29.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 75.400 ng
RT: 13.179 min Scan# 1717
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:172 Resp: 532757
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.8 18.6 27.8

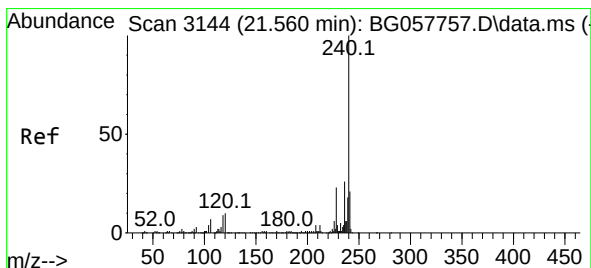
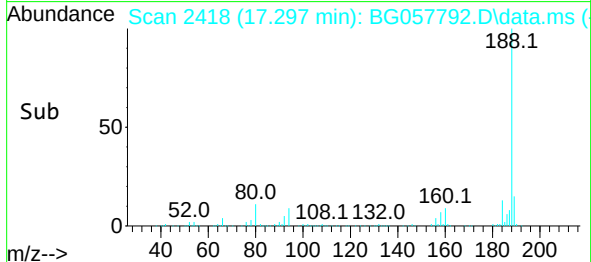
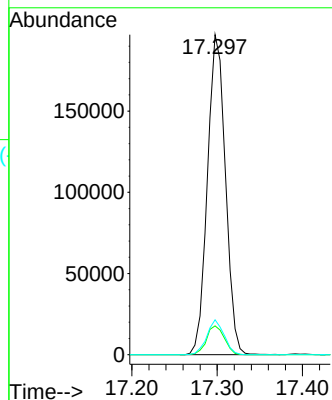
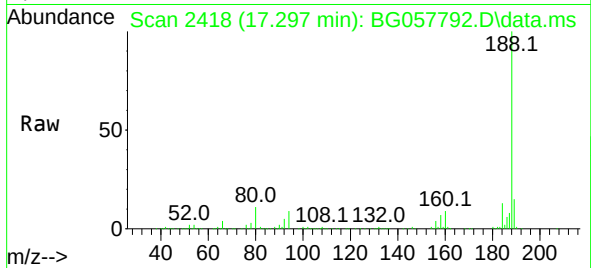




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

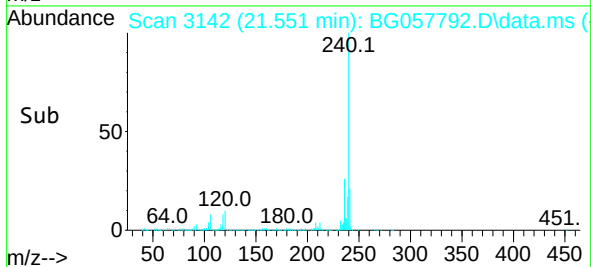
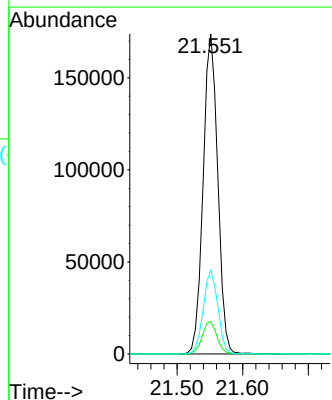
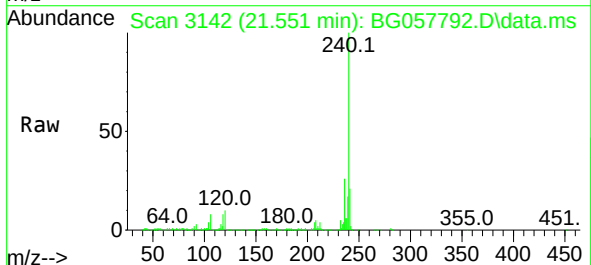
Instrument :
BNA_G
ClientSampleId :
GP-01

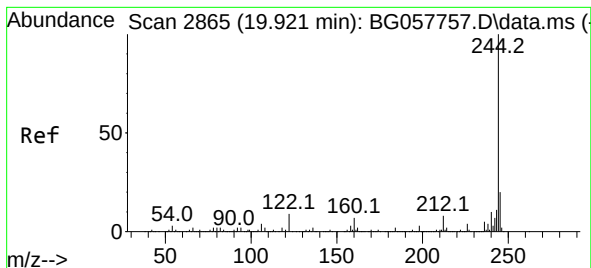
Tgt Ion:188 Resp: 289327
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:240 Resp: 269465
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.2 20.6 30.8





#79

Terphenyl-d14

Concen: 74.662 ng

RT: 19.918 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057792.D

Acq: 21 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

GP-01

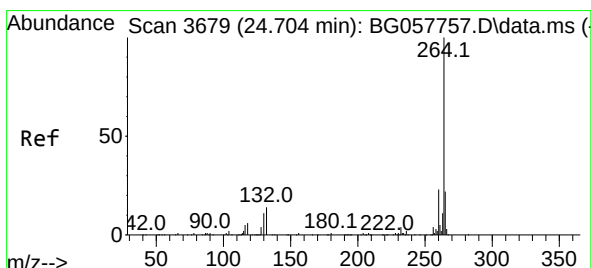
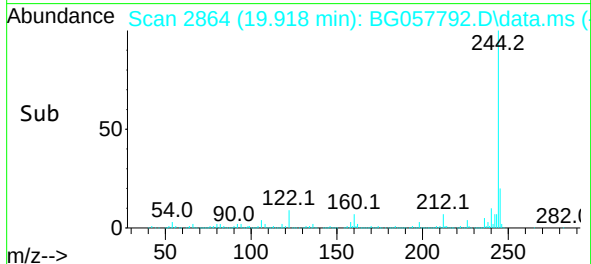
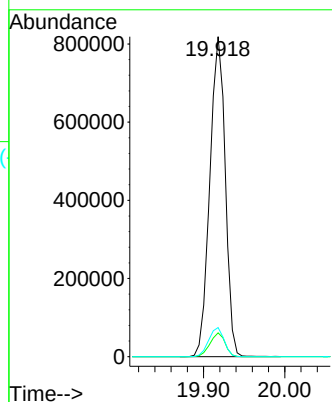
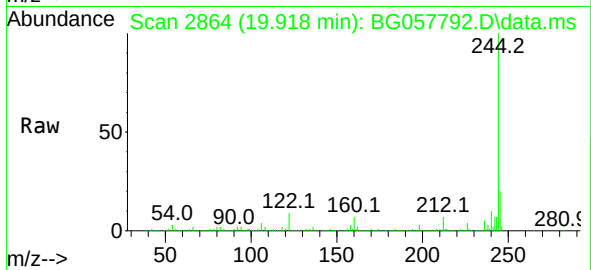
Tgt Ion:244 Resp: 1078949

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.706 min Scan# 3679

Delta R.T. 0.003 min

Lab File: BG057792.D

Acq: 21 Jun 2023 20:07

Tgt Ion:264 Resp: 326725

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.0 17.4 26.2

