

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057726.D
 Acq On : 15 Jun 2023 16:03
 Operator : CG/JU
 Sample : 03167-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GA

Quant Time: Jun 16 01:12:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	33736	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	136064	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	86019	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	207716	20.000	ng	-0.01
76) Chrysene-d12	21.566	240	197715	20.000	ng	0.00
86) Perylene-d12	24.722	264	233517	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	307857	148.589	ng	0.00
7) Phenol-d6	7.095	99	389062	122.236	ng	0.00
23) Nitrobenzene-d5	9.099	82	257722	112.023	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	168562	175.645	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	553250	95.871	ng	0.00
79) Terphenyl-d14	19.933	244	1035084	96.792	ng	0.00

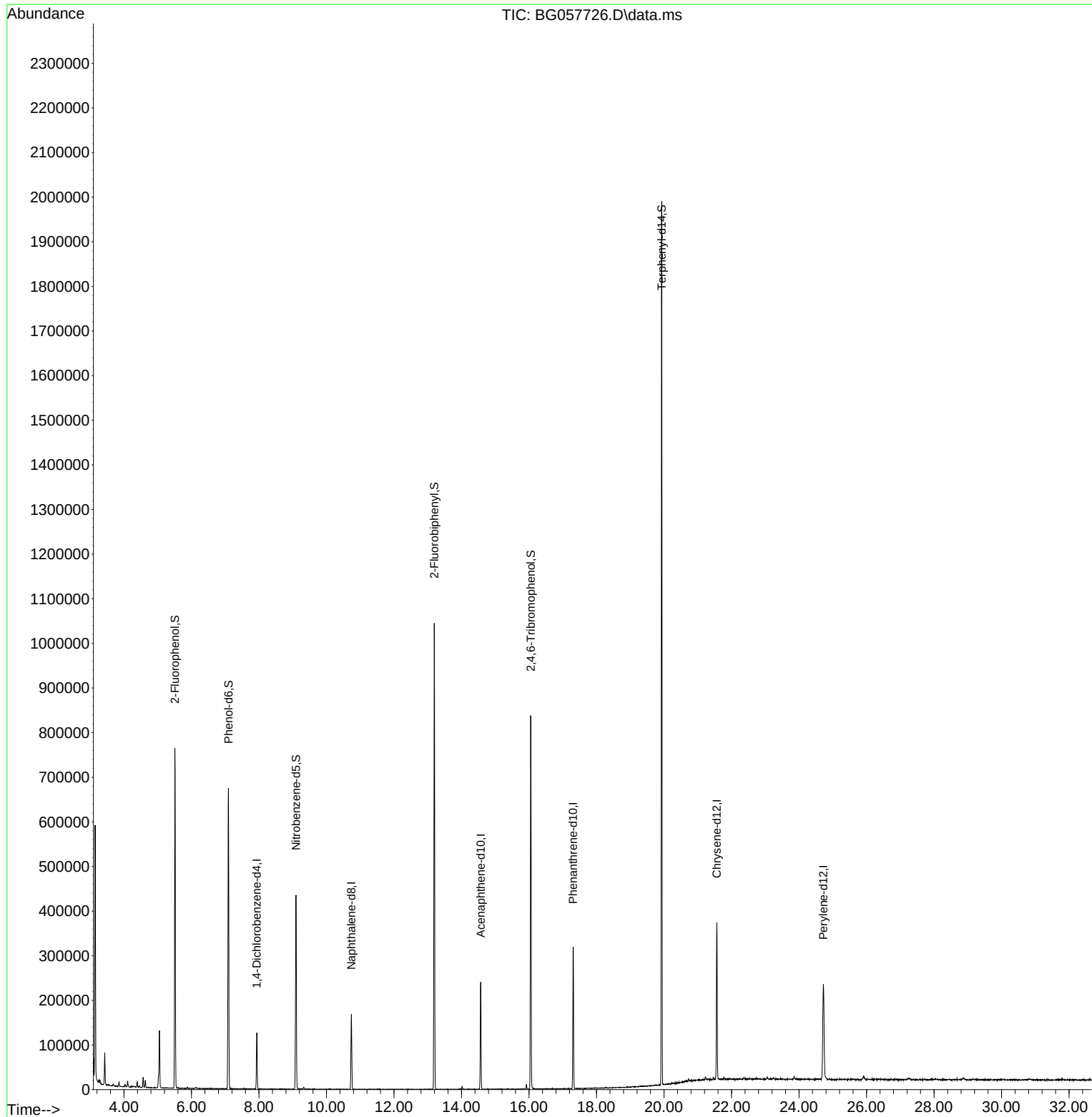
Target Compounds	Qvalue

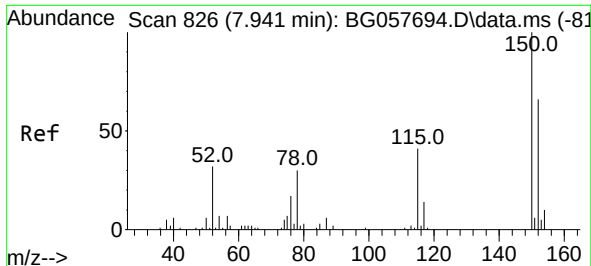
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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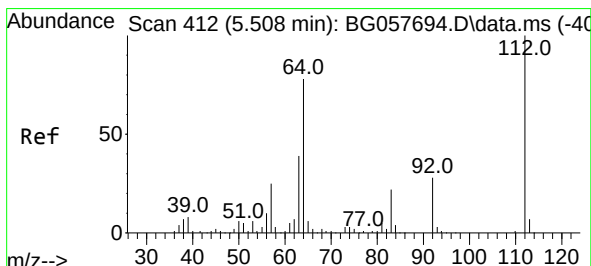
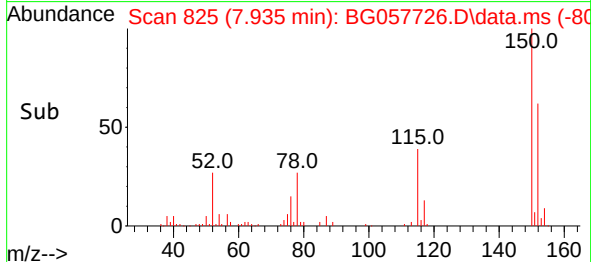
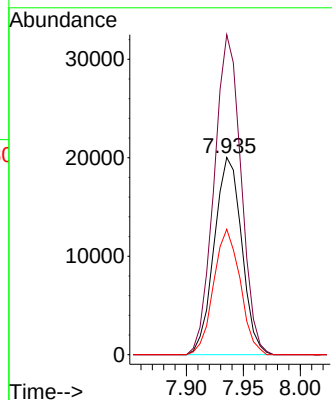
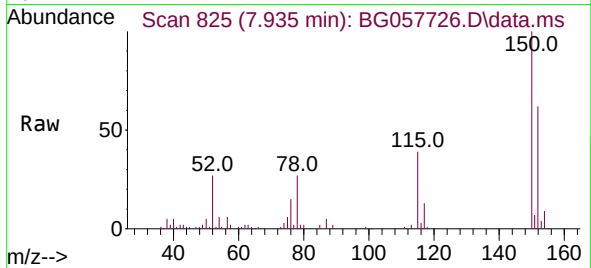




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

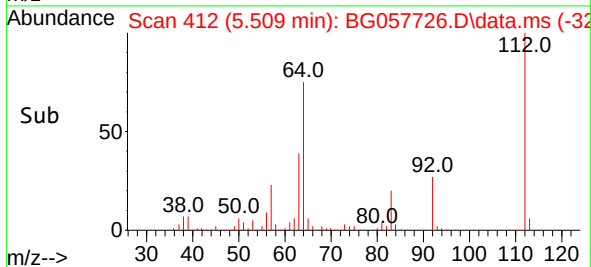
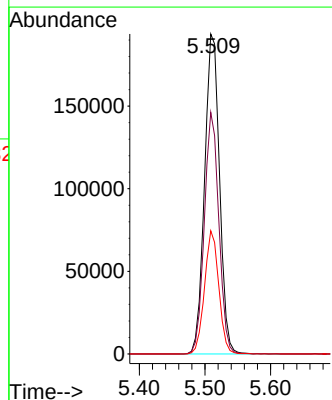
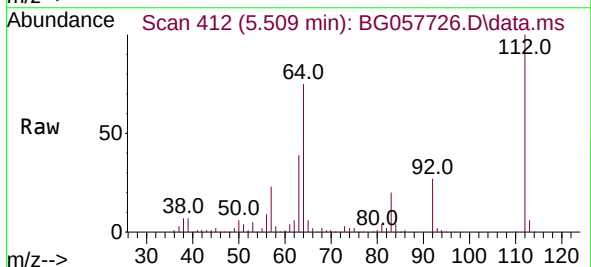
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

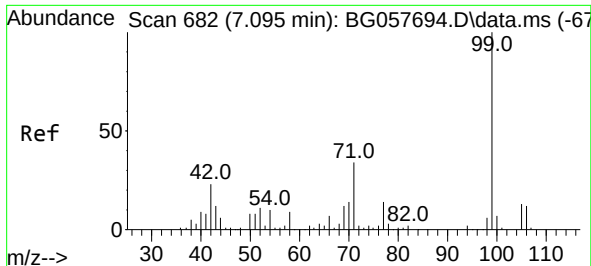
Tgt Ion:152 Resp: 33736
Ion Ratio Lower Upper
152 100
150 162.2 120.8 181.2
115 63.6 49.4 74.2



#5
2-Fluorophenol
Concen: 148.589 ng
RT: 5.509 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

Tgt Ion:112 Resp: 307857
Ion Ratio Lower Upper
112 100
64 75.5 62.3 93.5
63 38.5 31.5 47.3

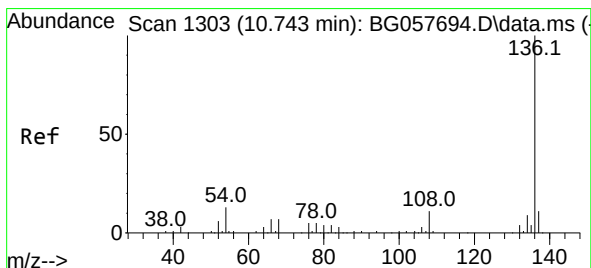
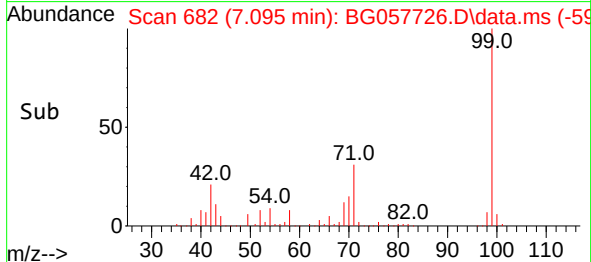
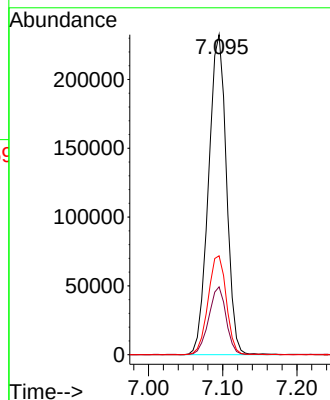
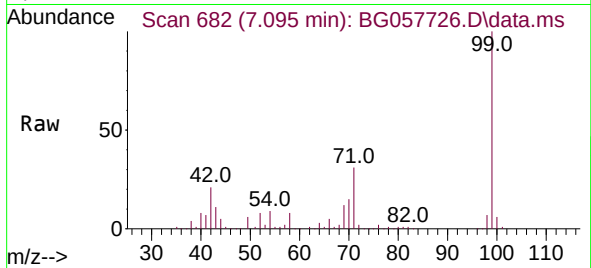




#7
Phenol-d6
Concen: 122.236 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

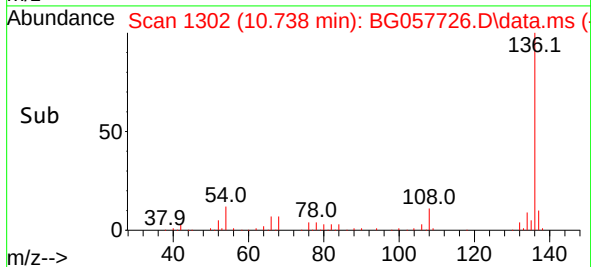
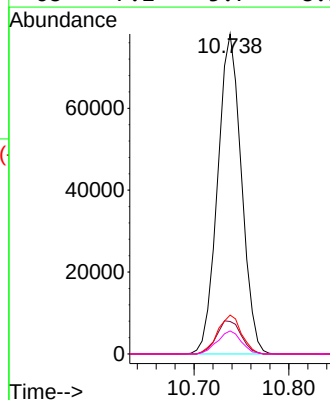
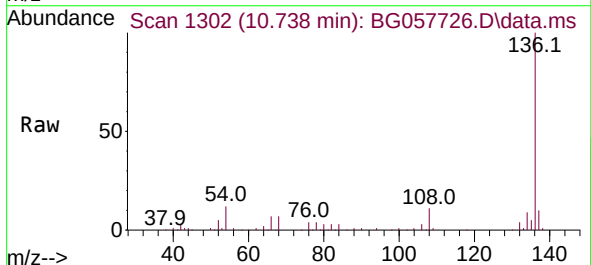
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

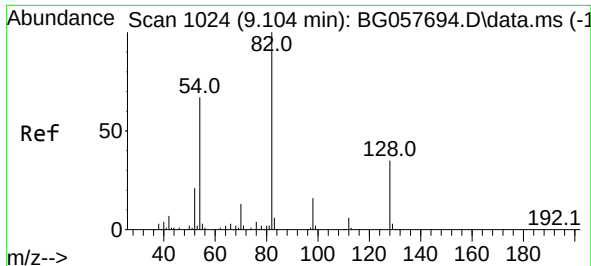
Tgt Ion: 99 Resp: 389062
Ion Ratio Lower Upper
99 100
42 21.2 18.3 27.5
71 30.9 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

Tgt Ion:136 Resp: 136064
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 12.2 10.8 16.2
68 7.2 5.7 8.5

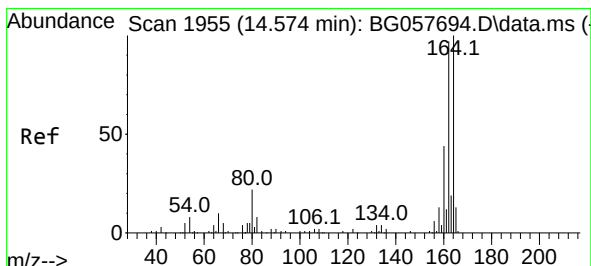
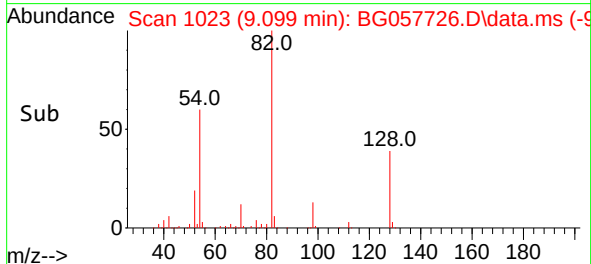
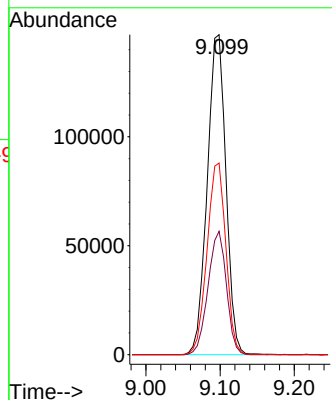
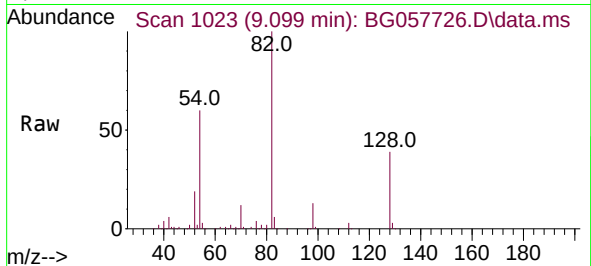




#23
Nitrobenzene-d5
Concen: 112.023 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.001 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

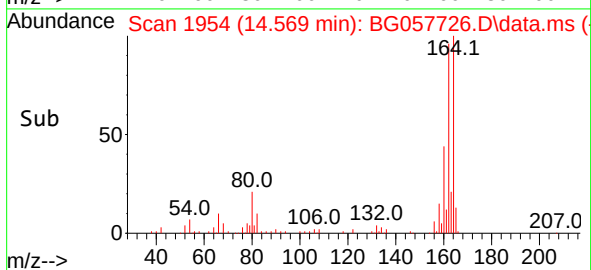
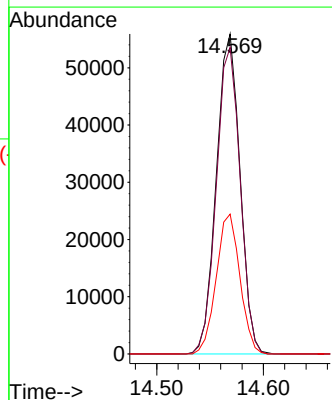
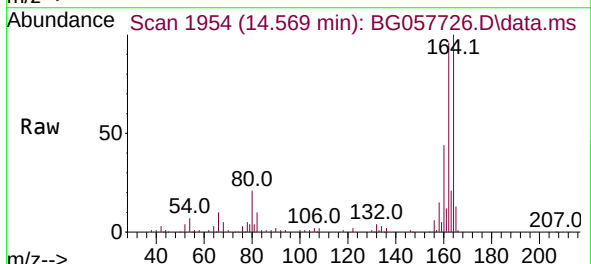
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

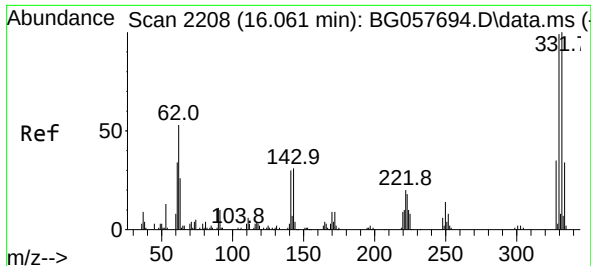
Tgt Ion: 82 Resp: 257722
Ion Ratio Lower Upper
82 100
128 38.5 27.7 41.5
54 59.9 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

Tgt Ion: 164 Resp: 86019
Ion Ratio Lower Upper
164 100
162 95.8 77.7 116.5
160 43.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 175.645 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057726.D

Acq: 15 Jun 2023 16:03

Instrument :

BNA_G

ClientSampleId :

TP-4-GA

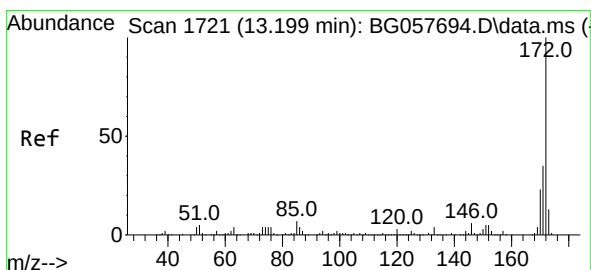
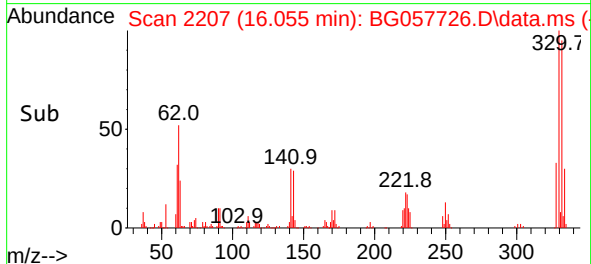
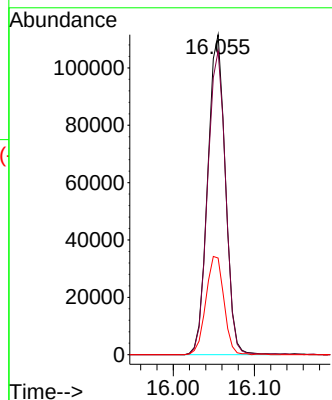
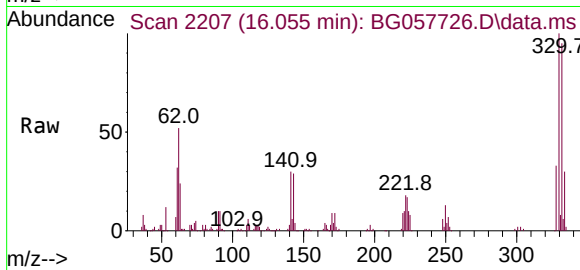
Tgt Ion:330 Resp: 168562

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.6

141 31.2 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 95.871 ng

RT: 13.194 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG057726.D

Acq: 15 Jun 2023 16:03

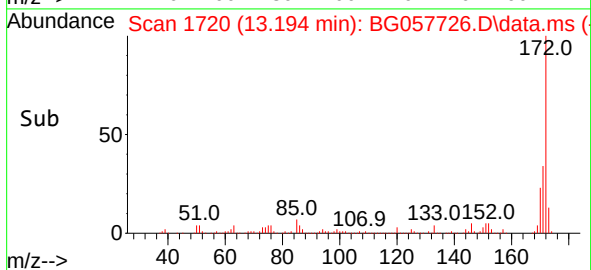
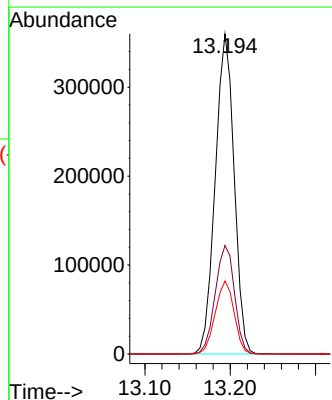
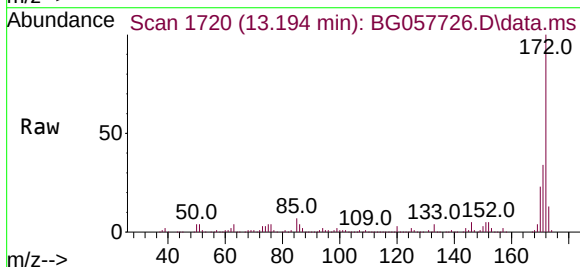
Tgt Ion:172 Resp: 553250

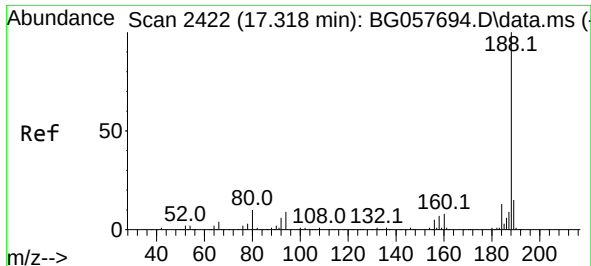
Ion Ratio Lower Upper

172 100

171 33.9 27.9 41.9

170 22.8 18.2 27.4

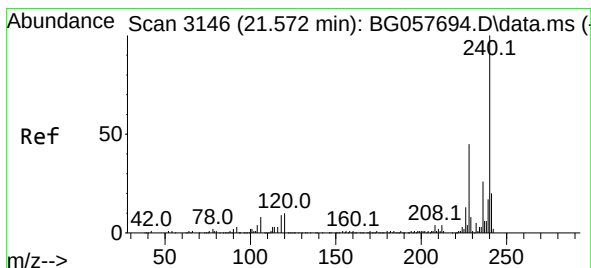
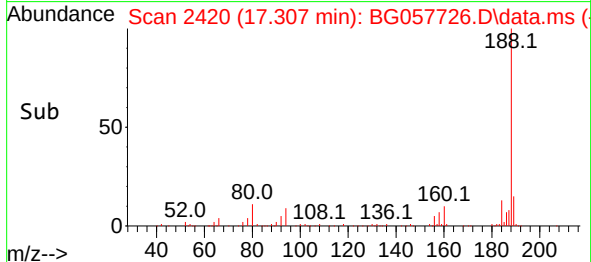
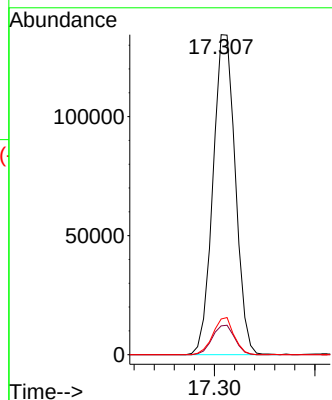
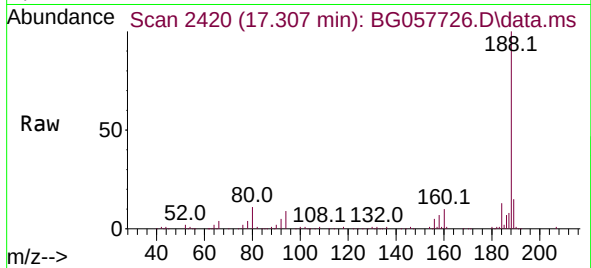




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2422
Delta R.T. -0.013 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

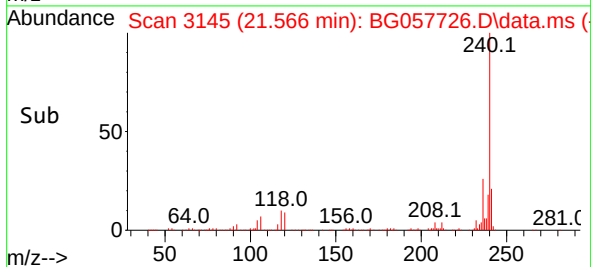
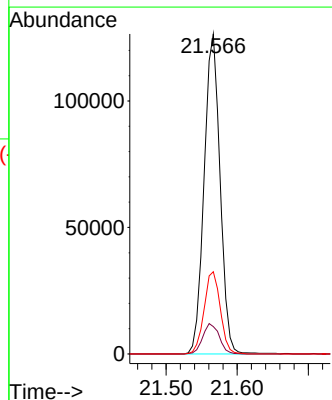
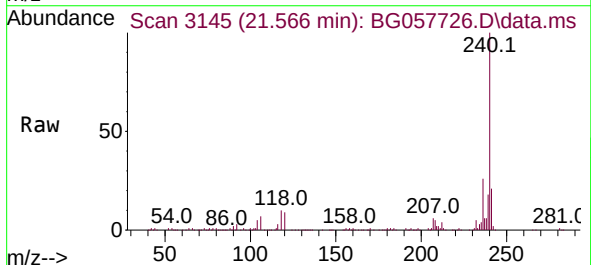
Instrument :
BNA_G
ClientSampleId :
TP-4-GA

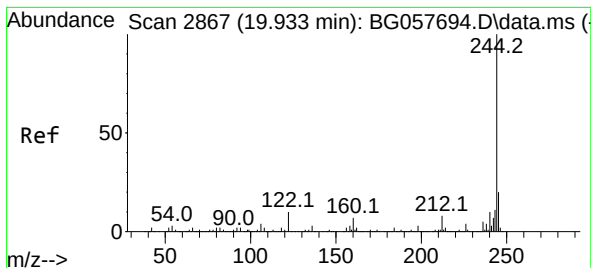
Tgt Ion:188 Resp: 207716
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 11.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057726.D
Acq: 15 Jun 2023 16:03

Tgt Ion:240 Resp: 197715
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 96.792 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057726.D

Acq: 15 Jun 2023 16:03

Instrument :

BNA_G

ClientSampleId :

TP-4-GA

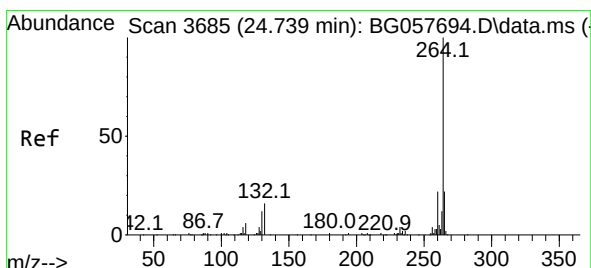
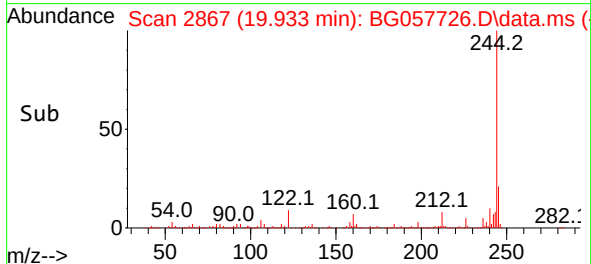
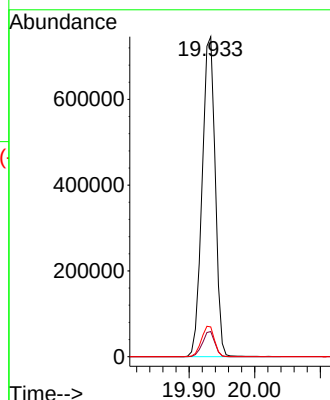
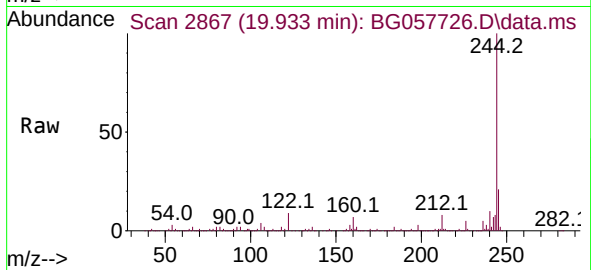
Tgt Ion:244 Resp: 1035084

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 9.3 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.722 min Scan# 3682

Delta R.T. -0.013 min

Lab File: BG057726.D

Acq: 15 Jun 2023 16:03

Tgt Ion:264 Resp: 233517

Ion Ratio Lower Upper

264 100

260 21.5 17.3 25.9

265 22.3 17.5 26.3

