

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057071.D
 Acq On : 12 Apr 2023 20:06
 Operator : CG/JU
 Sample : 02283-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230328-COMP-6

Quant Time: Apr 13 05:26:44 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	8.407	152	14078	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	55551	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	38152	20.000	ng	0.00
64) Phenanthrene-d10	17.753	188	96627	20.000	ng	0.00
76) Chrysene-d12	22.071	240	89401	20.000	ng	# 0.00
86) Perylene-d12	25.607	264	95876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	113247	128.744	ng	0.00
7) Phenol-d6	7.538	99	156960	119.307	ng	0.00
23) Nitrobenzene-d5	9.582	82	101975	75.112	ng	0.00
42) 2,4,6-Tribromophenol	16.496	330	78003	127.981	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	228163	81.094	ng	0.00
79) Terphenyl-d14	20.326	244	454229	85.975	ng	0.00

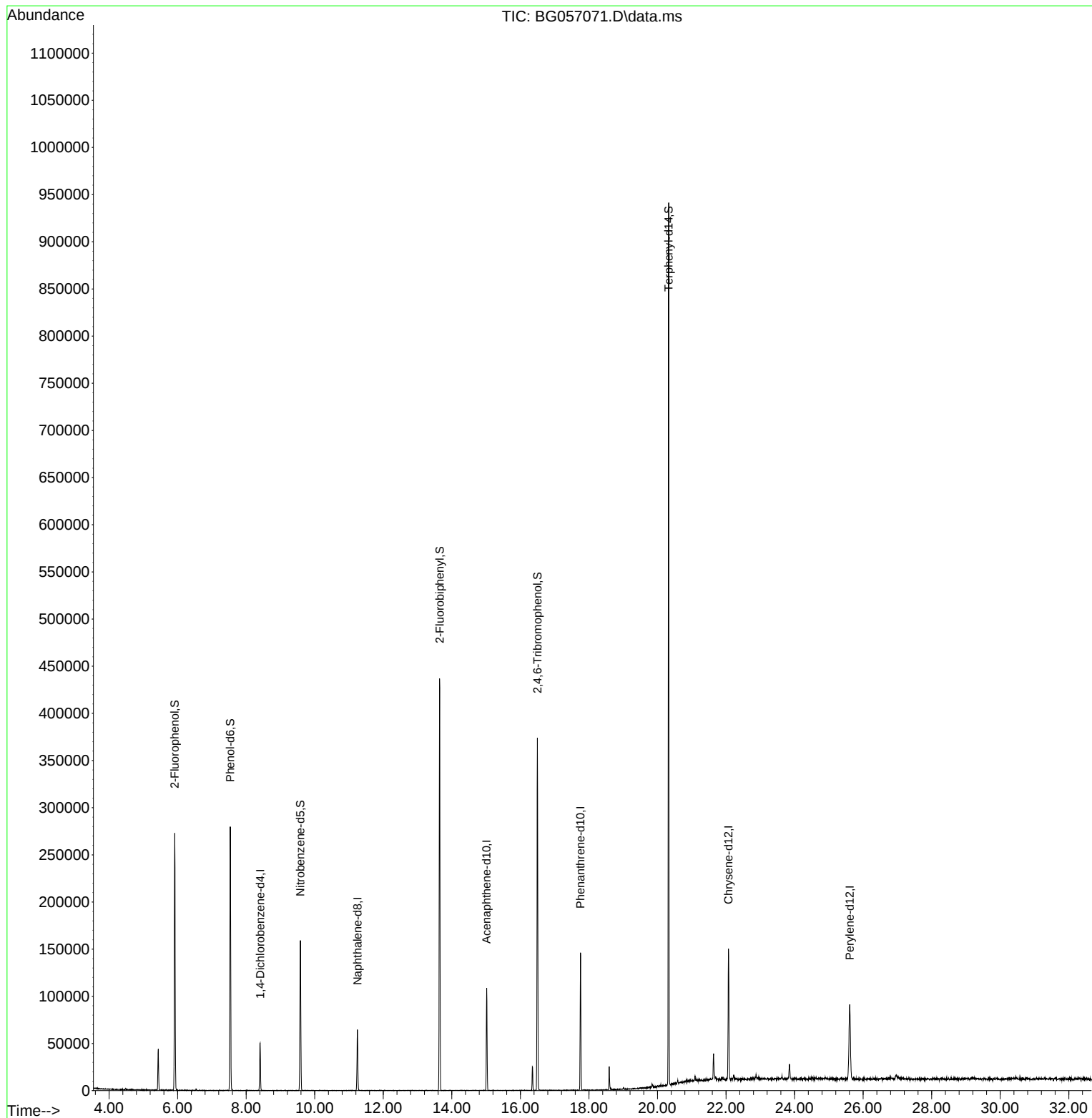
Target Compounds	Qvalue

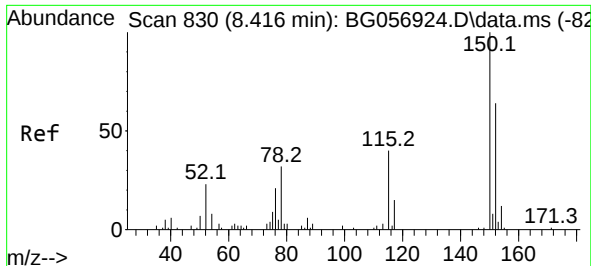
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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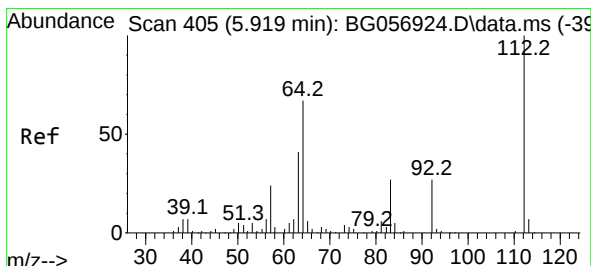
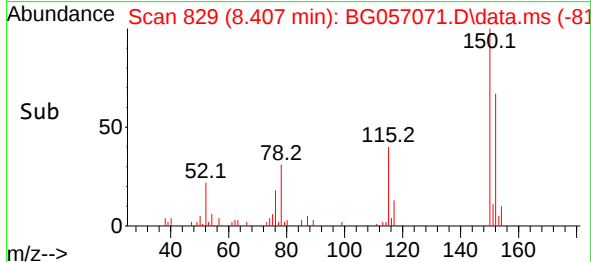
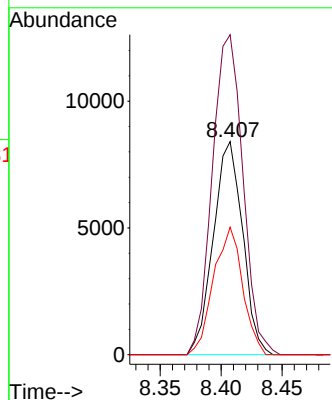
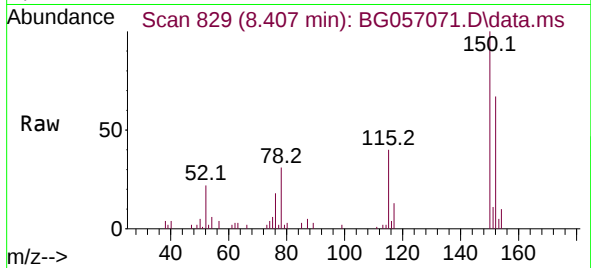




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

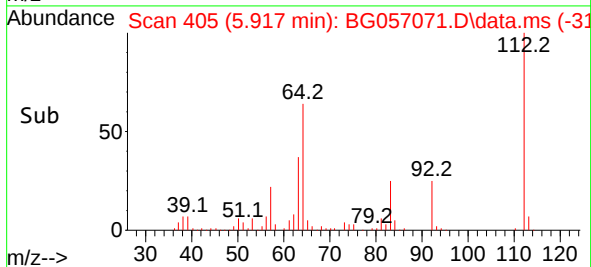
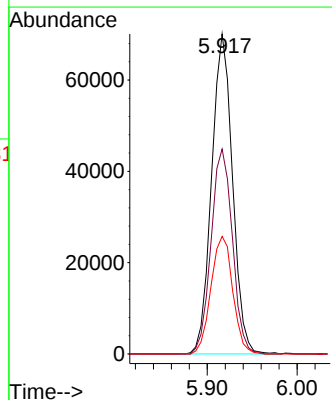
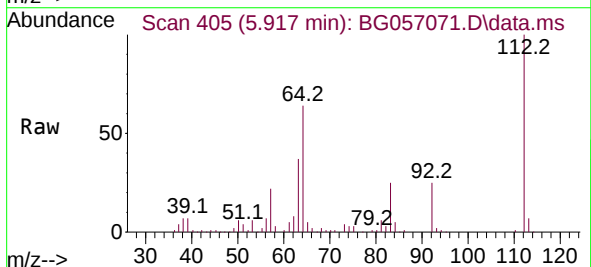
Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

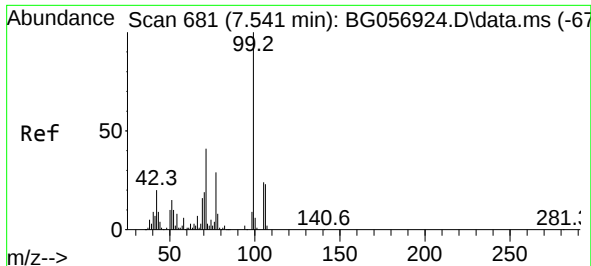
Tgt Ion:152 Resp: 14078
Ion Ratio Lower Upper
152 100
150 150.2 124.1 186.1
115 59.9 49.1 73.7



#5
2-Fluorophenol
Concen: 128.744 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

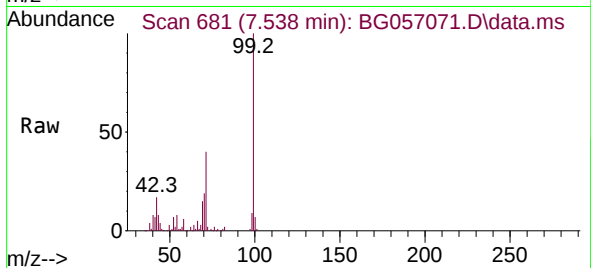
Tgt Ion:112 Resp: 113247
Ion Ratio Lower Upper
112 100
64 64.0 53.2 79.8
63 36.7 32.6 48.8



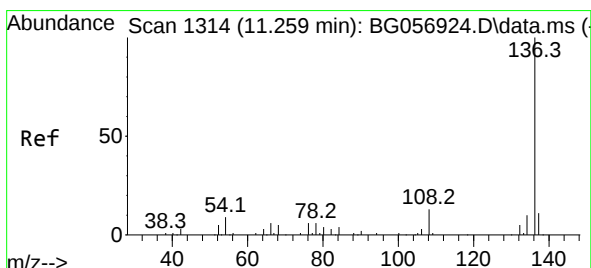
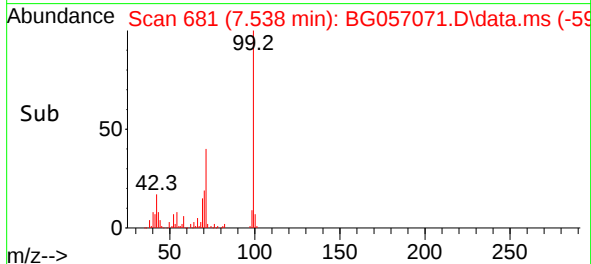
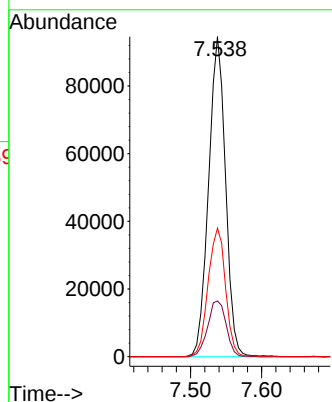


#7
Phenol-d6
Concen: 119.307 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Instrument :
BNA_G
ClientSampleId :
20230328-COMP-6

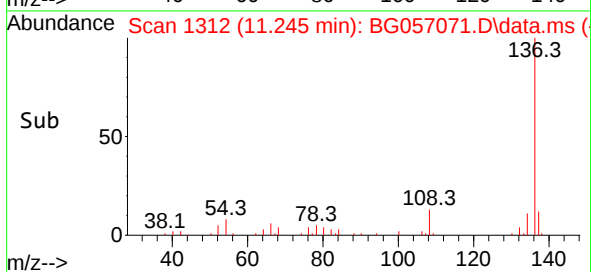
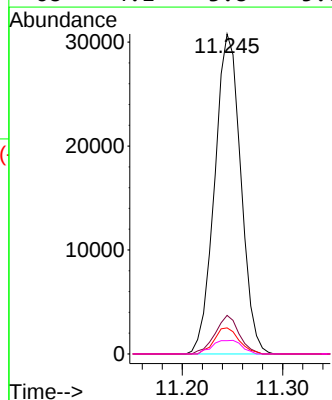
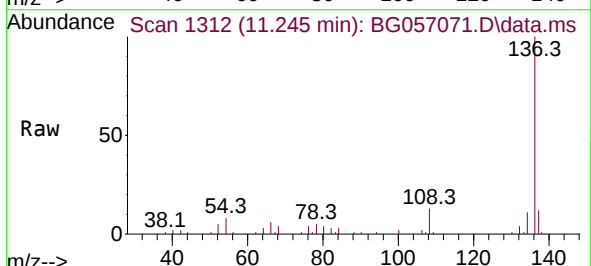


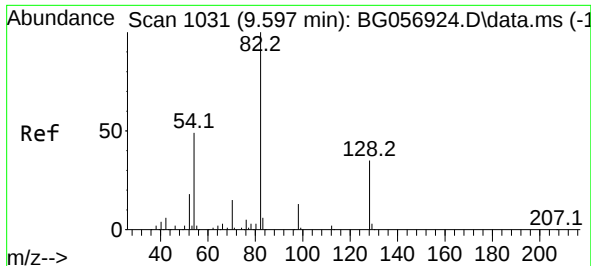
Tgt Ion: 99 Resp: 156960
Ion Ratio Lower Upper
99 100
42 17.4 15.7 23.5
71 40.2 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057071.D
Acq: 12 Apr 2023 20:06

Tgt Ion: 136 Resp: 55551
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 8.2 6.9 10.3
68 4.1 3.8 5.6





#23

Nitrobenzene-d5

Concen: 75.112 ng

RT: 9.582 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG057071.D

Acq: 12 Apr 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20230328-COMP-6

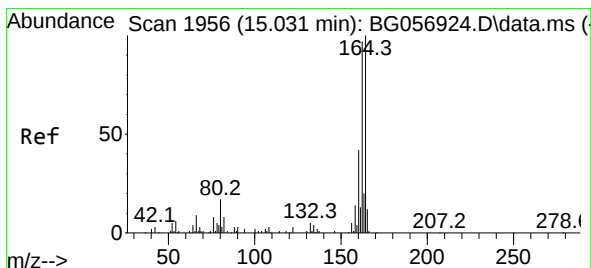
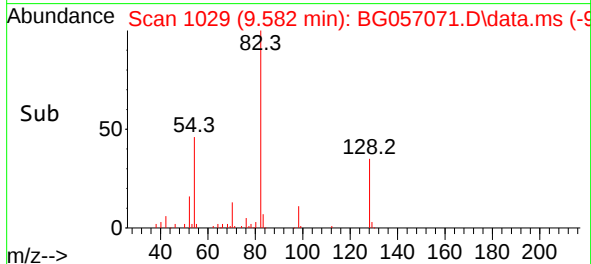
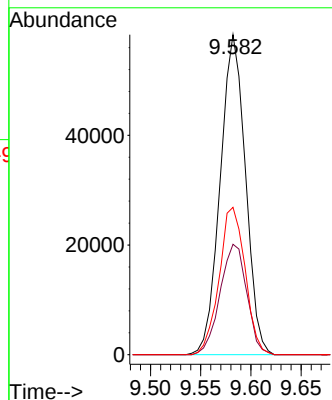
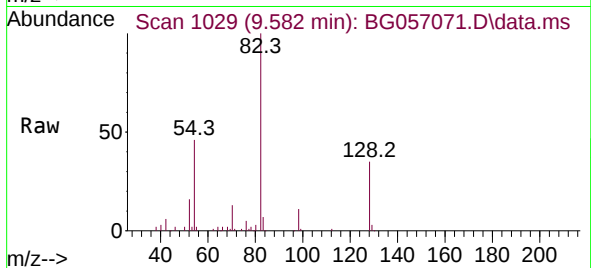
Tgt Ion: 82 Resp: 101975

Ion Ratio Lower Upper

82 100

128 34.5 27.9 41.9

54 46.1 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: BG057071.D

Acq: 12 Apr 2023 20:06

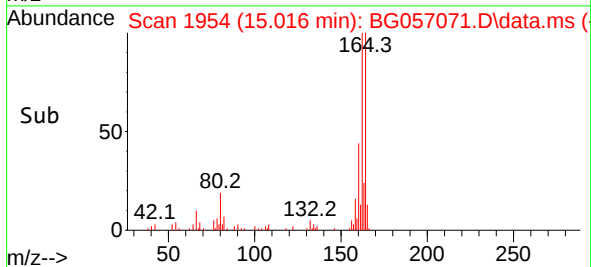
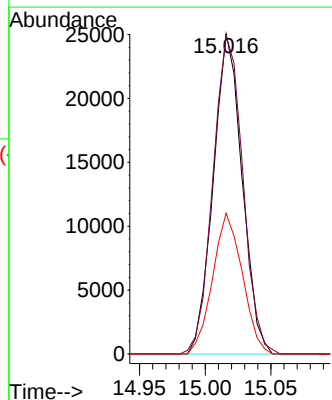
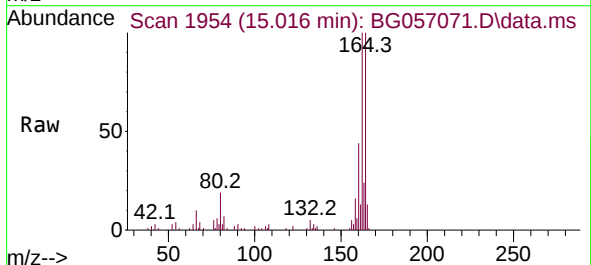
Tgt Ion:164 Resp: 38152

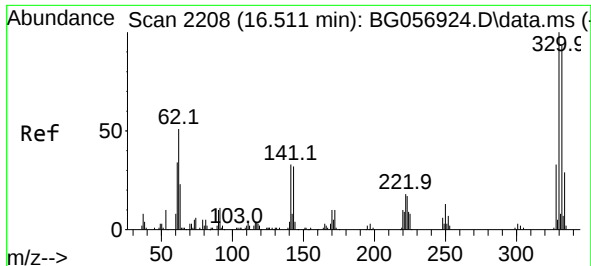
Ion Ratio Lower Upper

164 100

162 99.6 77.8 116.8

160 44.0 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 127.981 ng

RT: 16.496 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057071.D

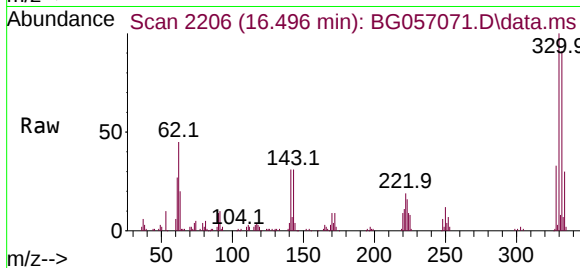
Acq: 12 Apr 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20230328-COMP-6



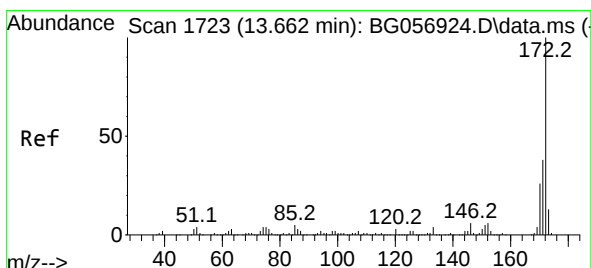
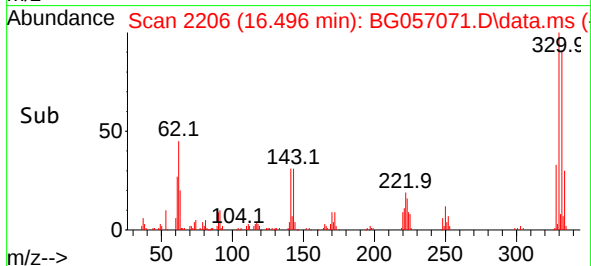
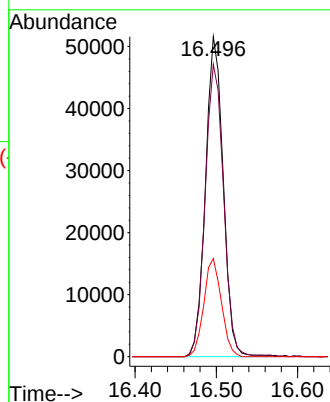
Tgt Ion:330 Resp: 78003

Ion Ratio Lower Upper

330 100

332 95.0 76.1 114.1

141 30.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 81.094 ng

RT: 13.647 min Scan# 1721

Delta R.T. 0.002 min

Lab File: BG057071.D

Acq: 12 Apr 2023 20:06

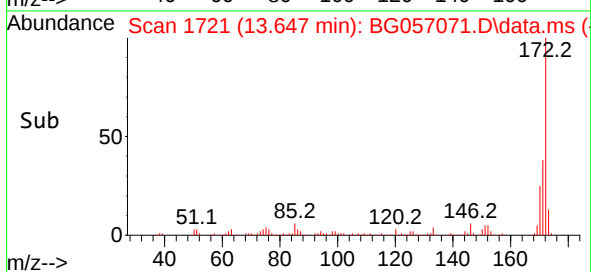
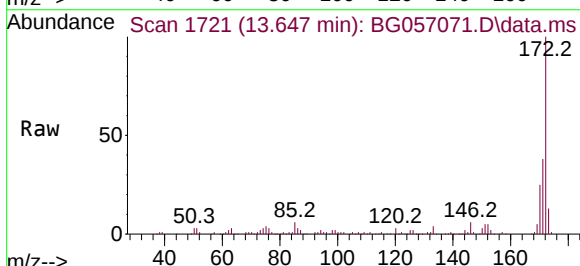
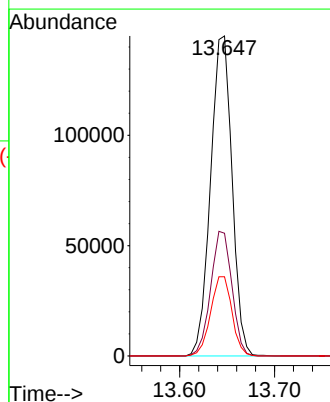
Tgt Ion:172 Resp: 228163

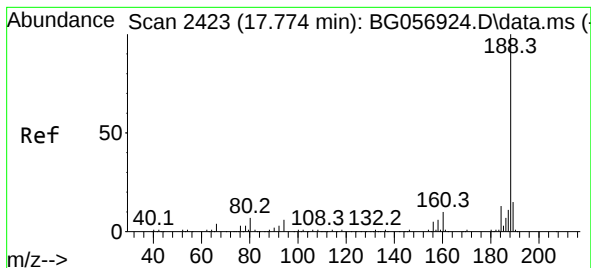
Ion Ratio Lower Upper

172 100

171 38.4 30.6 46.0

170 24.7 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.753 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057071.D

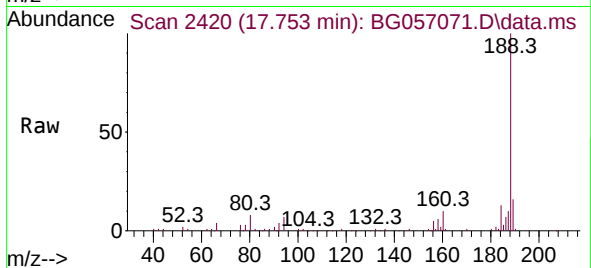
Acq: 12 Apr 2023 20:06

Instrument :

BNA_G

ClientSampleId :

20230328-COMP-6



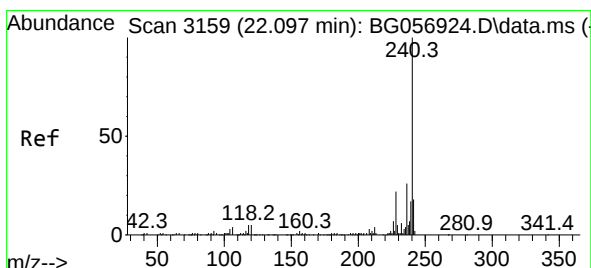
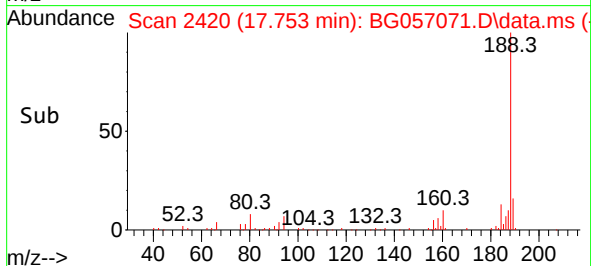
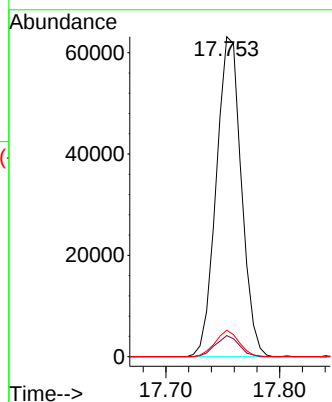
Tgt Ion:188 Resp: 96627

Ion Ratio Lower Upper

188 100

94 6.6 4.6 6.8

80 8.2 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: BG057071.D

Acq: 12 Apr 2023 20:06

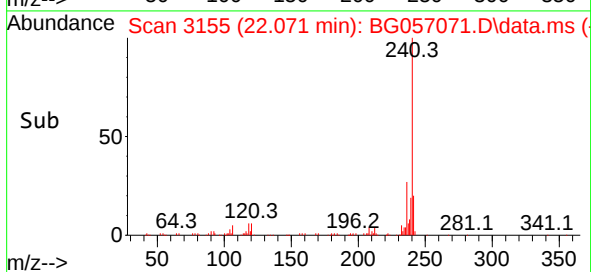
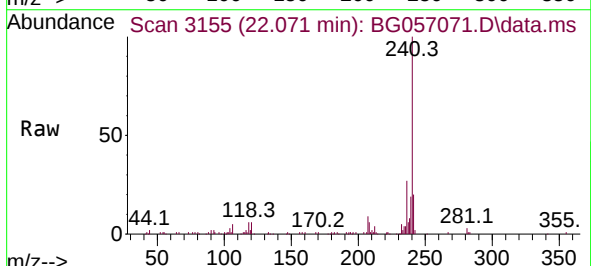
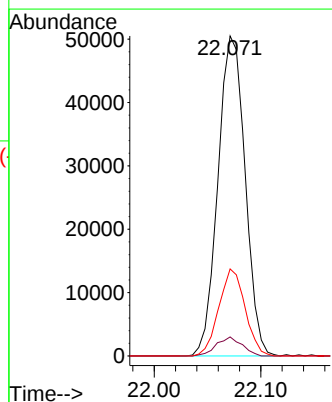
Tgt Ion:240 Resp: 89401

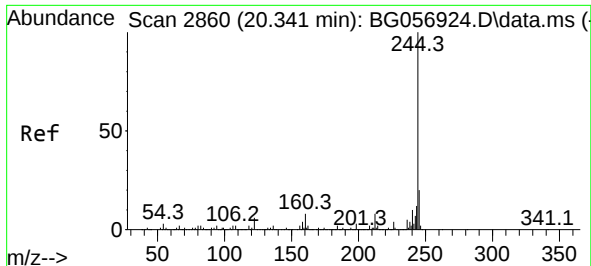
Ion Ratio Lower Upper

240 100

120 6.0 3.8 5.6#

236 27.2 21.0 31.6

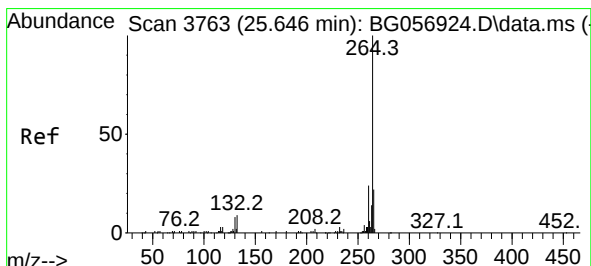
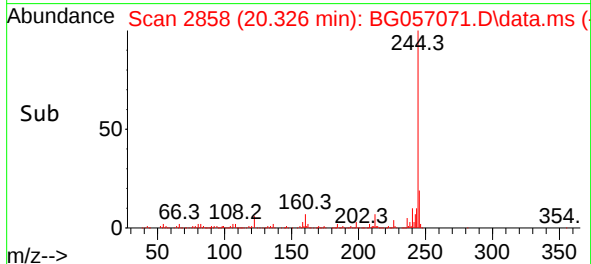
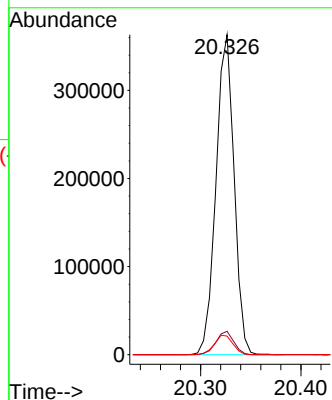
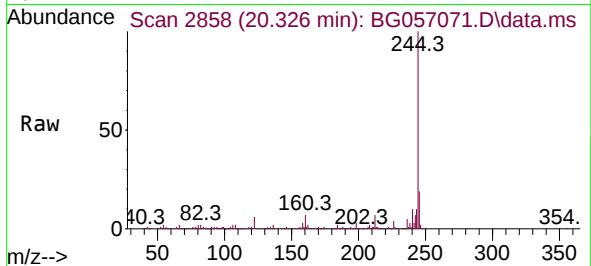




#79
 Terphenyl-d14
 Concen: 85.975 ng
 RT: 20.326 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057071.D
 Acq: 12 Apr 2023 20:06

Instrument :
 BNA_G
 ClientSampleId :
 20230328-COMP-6

Tgt Ion:244 Resp: 454229
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.8 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.607 min Scan# 3757
 Delta R.T. -0.004 min
 Lab File: BG057071.D
 Acq: 12 Apr 2023 20:06

Tgt Ion:264 Resp: 95876
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.4
 265 23.8 17.8 26.6

