

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057751.D
 Acq On : 17 Jun 2023 2:29
 Operator : CG/JU
 Sample : 03178-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Jun 17 04:02:17 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	7.933	152	31489	20.000	ng	0.00
21) Naphthalene-d8	10.735	136	157263	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	118338	20.000	ng	-0.02
64) Phenanthrene-d10	17.304	188	290950	20.000	ng	-0.02
76) Chrysene-d12	21.558	240	241154	20.000	ng	-0.02
86) Perylene-d12	24.719	264	290693	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	132190	68.355	ng	0.00
7) Phenol-d6	7.087	99	123795	41.669	ng	0.00
23) Nitrobenzene-d5	9.090	82	249474	96.180	ng	0.00
42) 2,4,6-Tribromophenol	16.053	330	198848	150.614	ng	0.00
45) 2-Fluorobiphenyl	13.191	172	609147	76.729	ng	0.00
79) Terphenyl-d14	19.924	244	1011194	77.525	ng	0.00

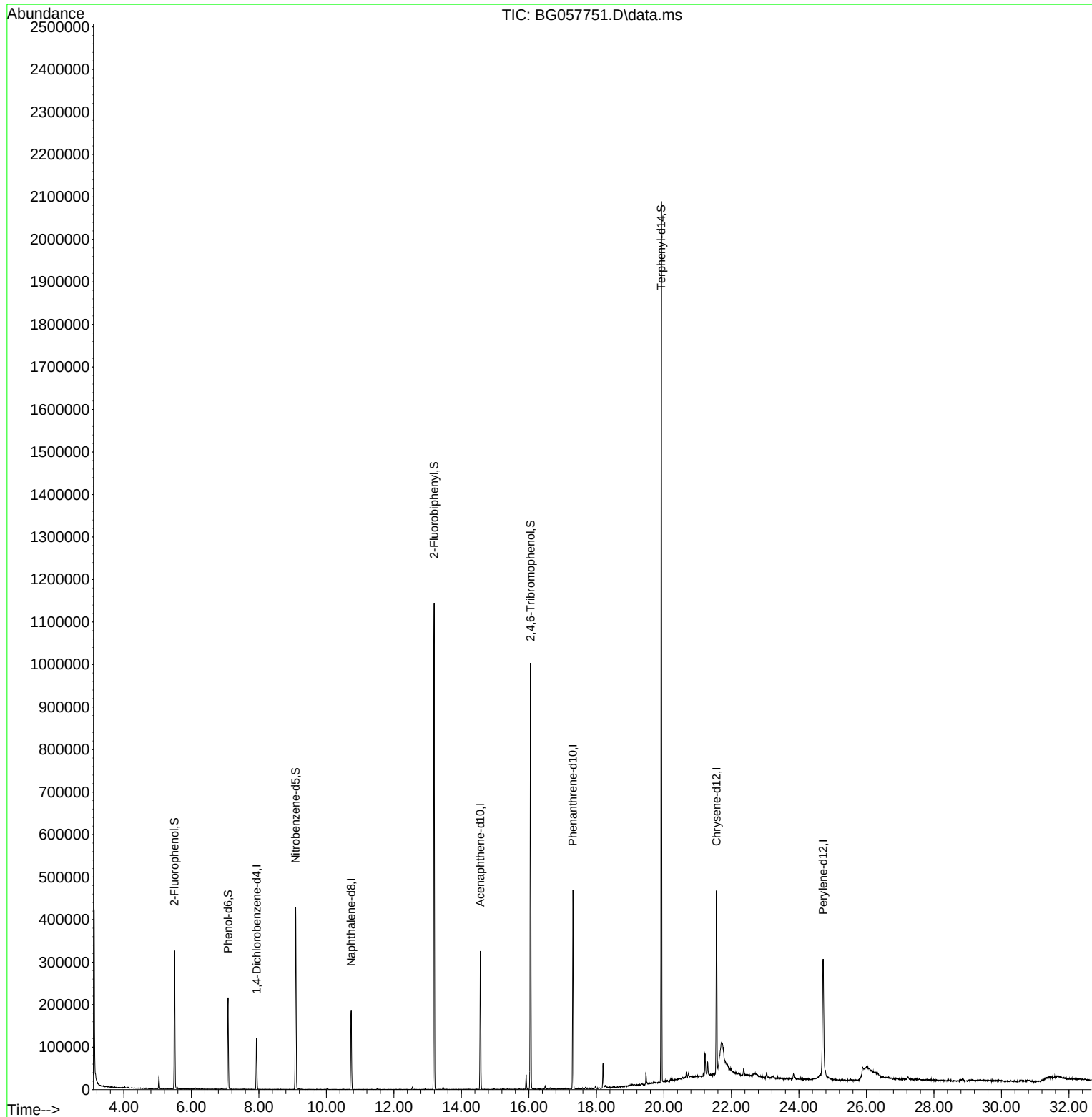
Target Compounds	Qvalue

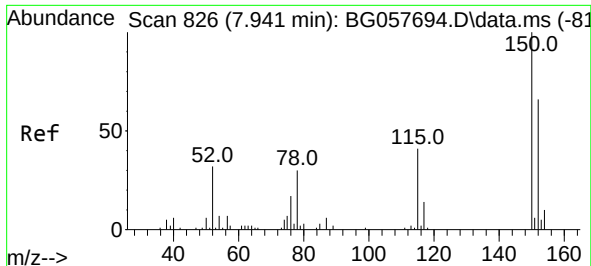
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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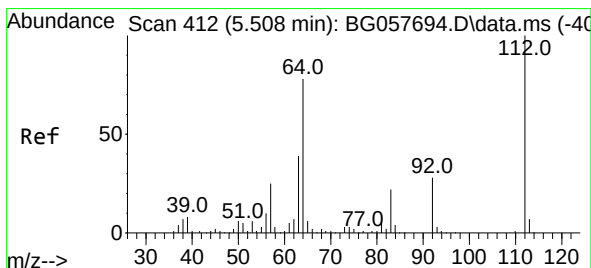
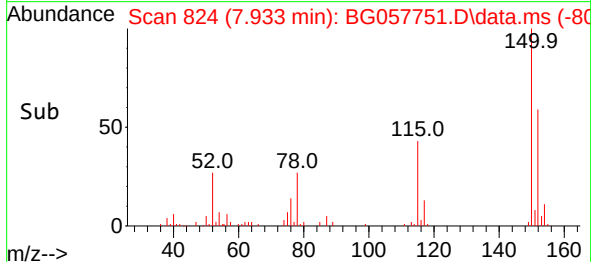
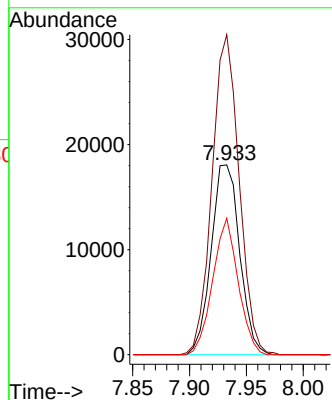
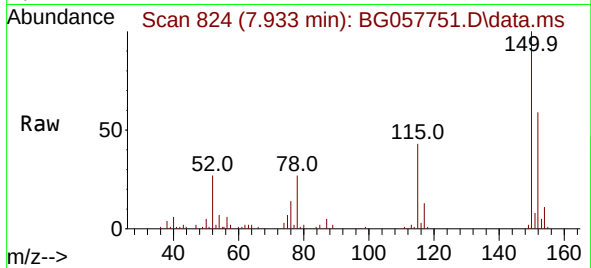




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.933 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

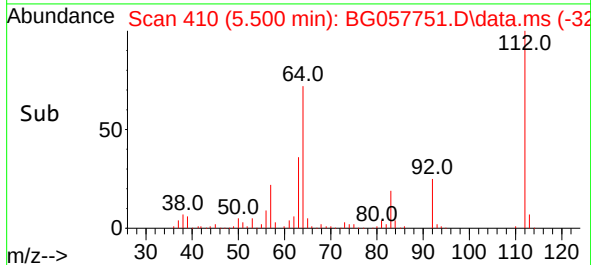
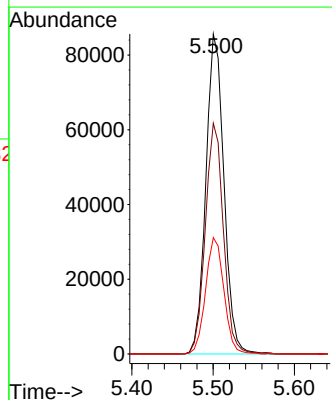
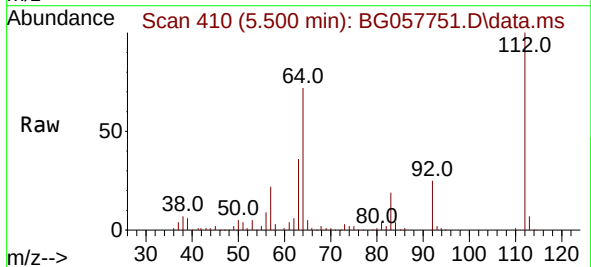
Instrument :
BNA_G
ClientSampleId :
MW-2

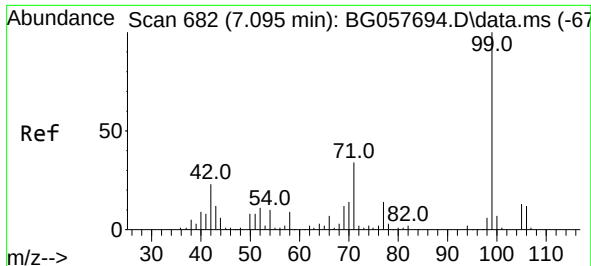
Tgt Ion:152 Resp: 31489
Ion Ratio Lower Upper
152 100
150 168.6 120.8 181.2
115 72.0 49.4 74.2



#5
2-Fluorophenol
Concen: 68.355 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion:112 Resp: 132190
Ion Ratio Lower Upper
112 100
64 72.1 62.3 93.5
63 36.3 31.5 47.3

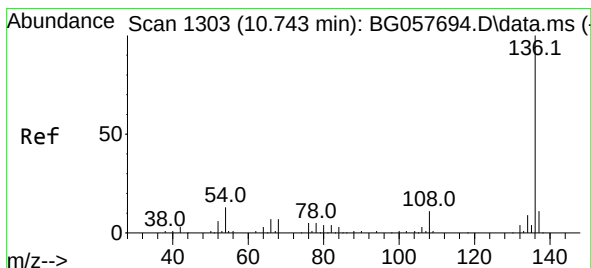
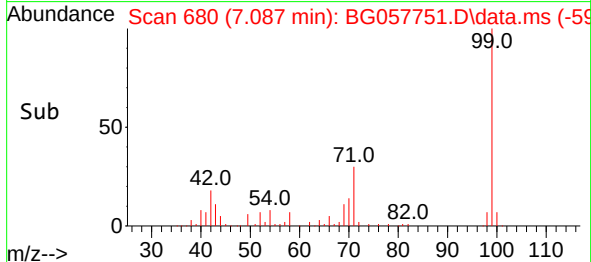
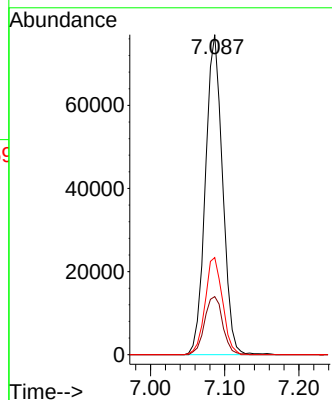
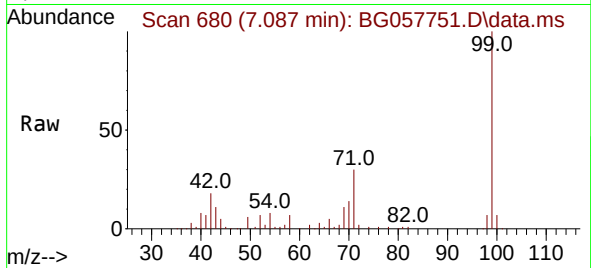




#7
Phenol-d6
Concen: 41.669 ng
RT: 7.087 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

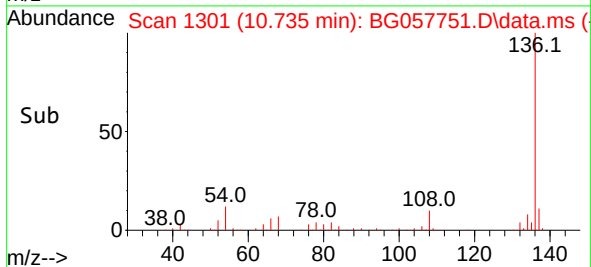
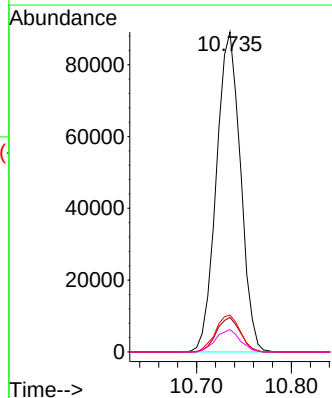
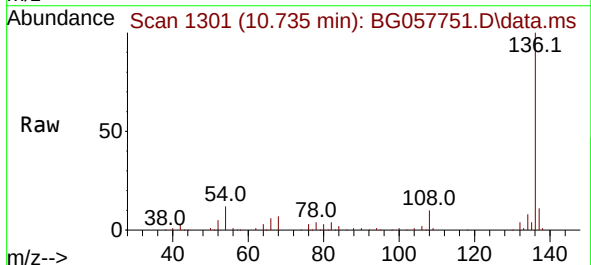
Instrument :
BNA_G
ClientSampleId :
MW-2

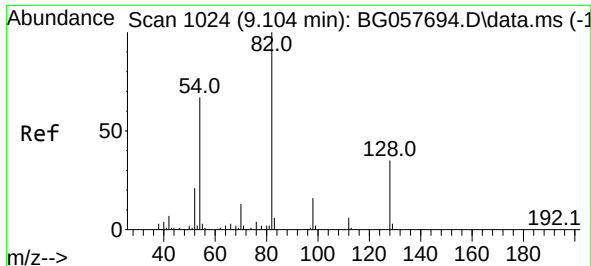
Tgt Ion: 99 Resp: 123795
Ion Ratio Lower Upper
99 100
42 18.1 18.3 27.5#
71 30.3 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.735 min Scan# 1301
Delta R.T. -0.009 min
Lab File: BG057751.D
Acq: 17 Jun 2023 2:29

Tgt Ion: 136 Resp: 157263
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.6 10.8 16.2
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 96.180 ng

RT: 9.090 min Scan# 1021

Delta R.T. -0.009 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

Instrument :

BNA_G

ClientSampleId :

MW-2

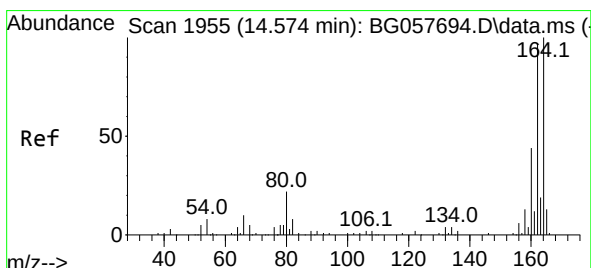
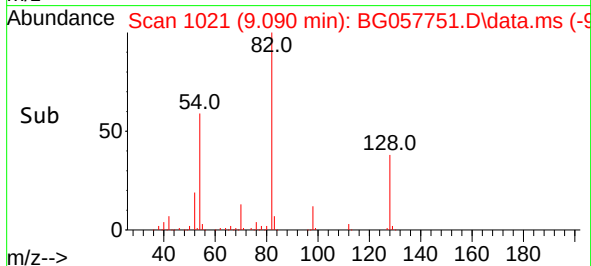
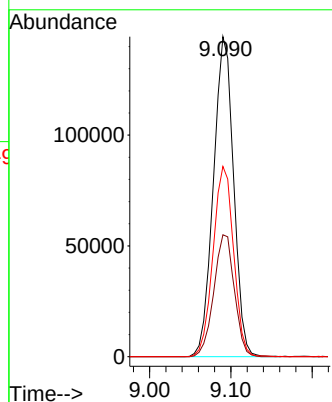
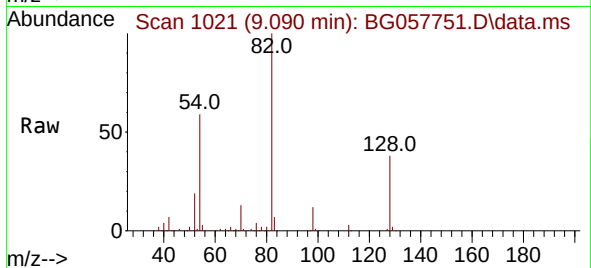
Tgt Ion: 82 Resp: 249474

Ion Ratio Lower Upper

82 100

128 38.1 27.7 41.5

54 59.5 53.8 80.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.560 min Scan# 1952

Delta R.T. -0.015 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

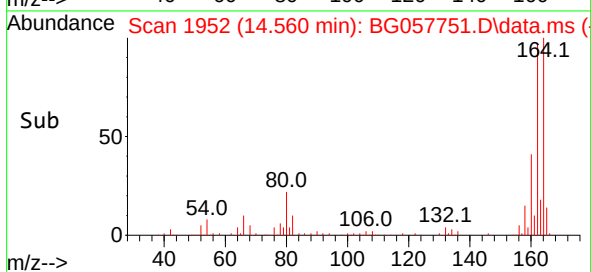
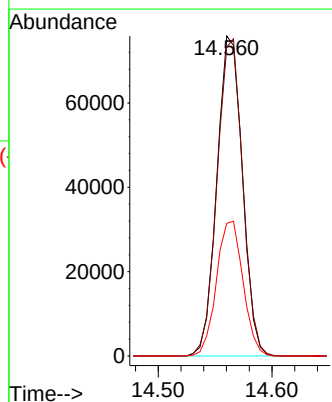
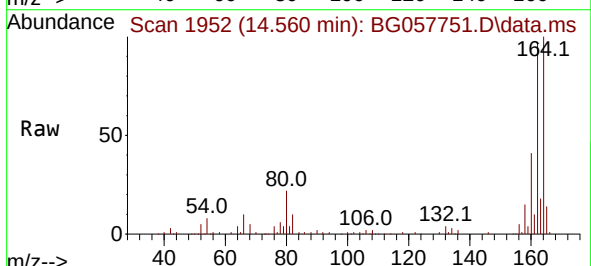
Tgt Ion: 164 Resp: 118338

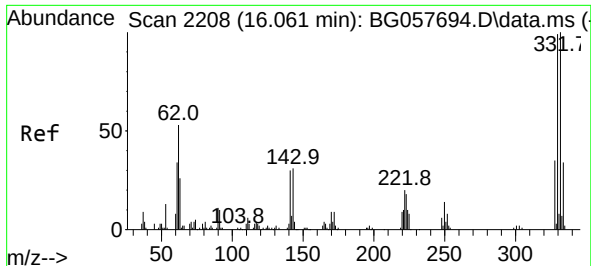
Ion Ratio Lower Upper

164 100

162 96.5 77.7 116.5

160 41.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 150.614 ng

RT: 16.053 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

Instrument :

BNA_G

ClientSampleId :

MW-2

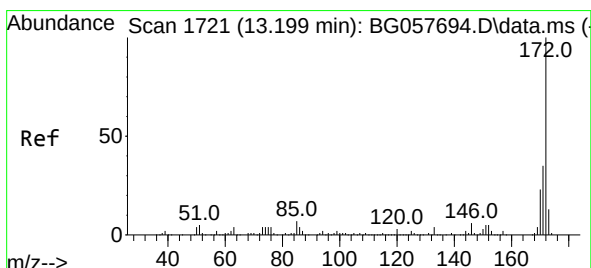
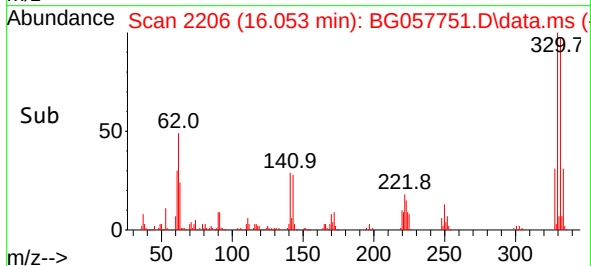
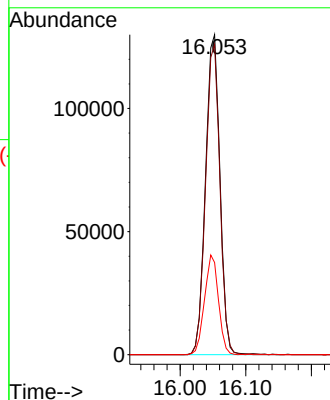
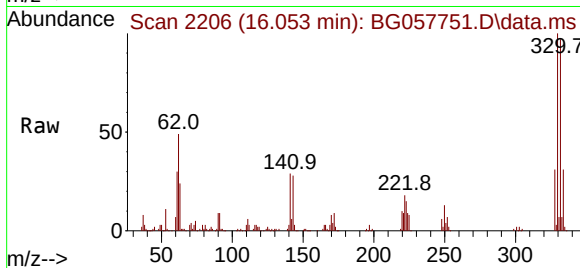
Tgt Ion:330 Resp: 198848

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.6

141 30.1 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 76.729 ng

RT: 13.191 min Scan# 1719

Delta R.T. -0.009 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

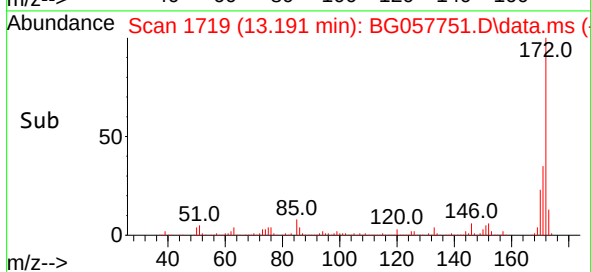
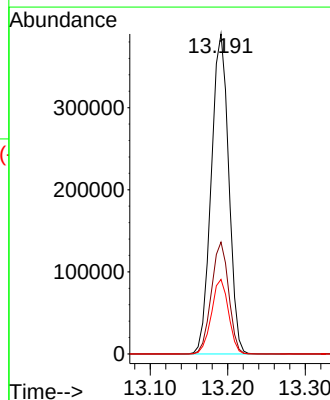
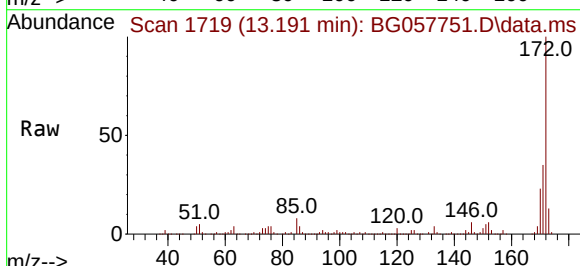
Tgt Ion:172 Resp: 609147

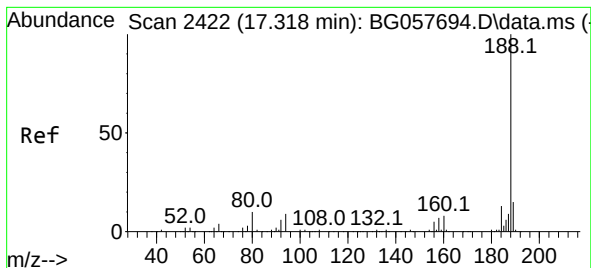
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.3 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 24

Delta R.T. -0.015 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

Instrument :

BNA_G

ClientSampleId :

MW-2

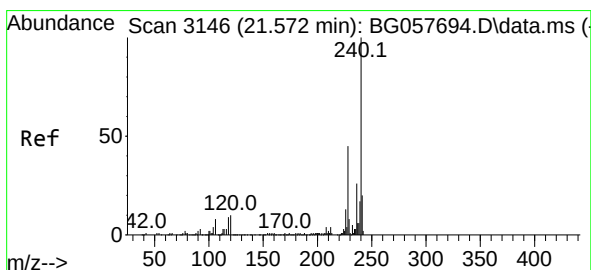
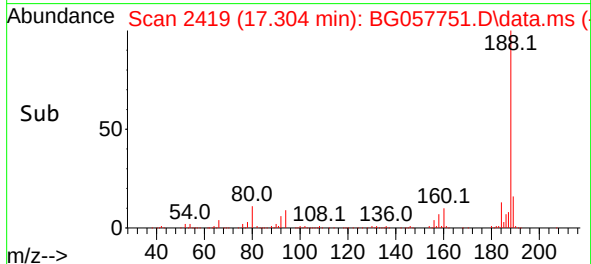
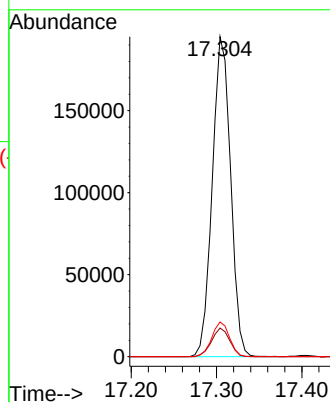
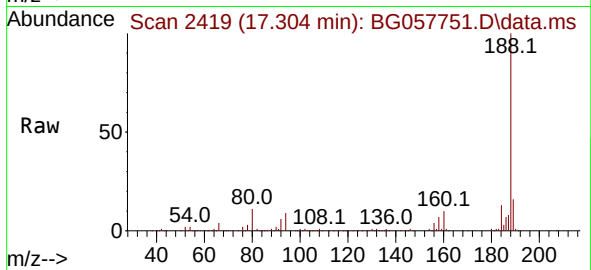
Tgt Ion:188 Resp: 290950

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

80 10.8 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.558 min Scan# 3143

Delta R.T. -0.015 min

Lab File: BG057751.D

Acq: 17 Jun 2023 2:29

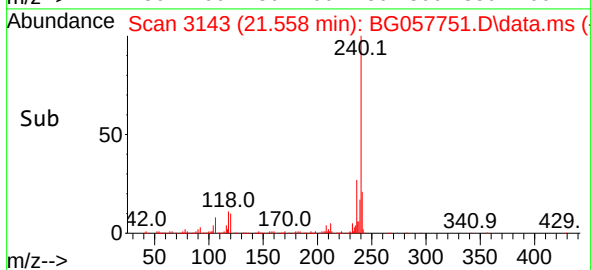
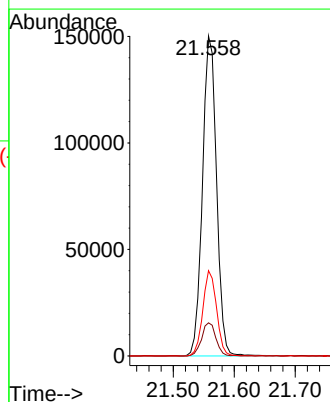
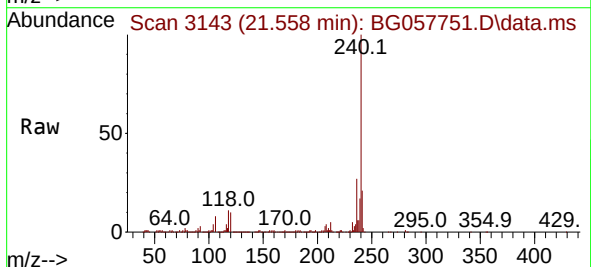
Tgt Ion:240 Resp: 241154

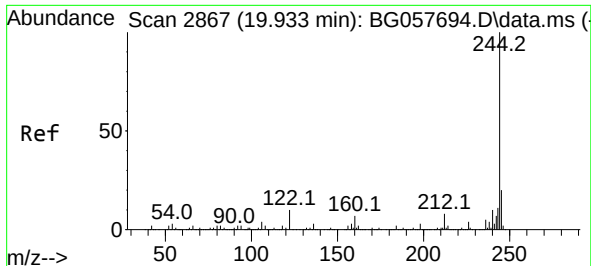
Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.6 20.7 31.1

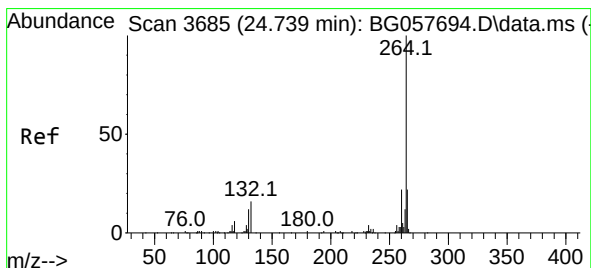
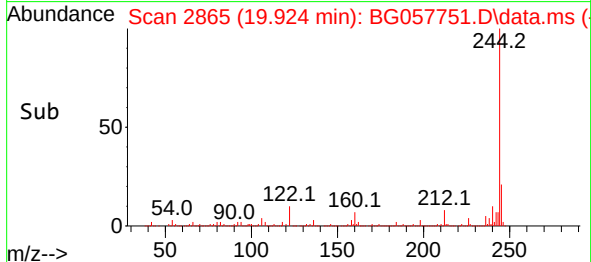
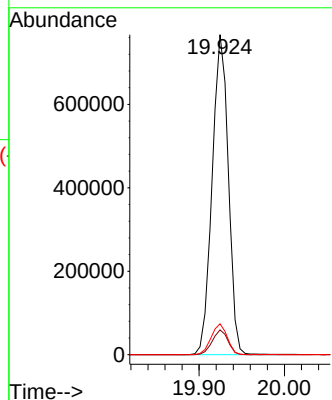
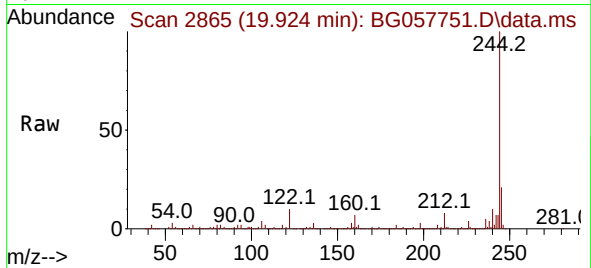




#79
 Terphenyl-d14
 Concen: 77.525 ng
 RT: 19.924 min Scan# 2865
 Delta R.T. -0.009 min
 Lab File: BG057751.D
 Acq: 17 Jun 2023 2:29

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1011194
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.719 min Scan# 3681
 Delta R.T. -0.015 min
 Lab File: BG057751.D
 Acq: 17 Jun 2023 2:29

Tgt Ion:264 Resp: 290693
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.3 25.9
 265 22.1 17.5 26.3

