

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057845.D
 Acq On : 23 Jun 2023 16:45
 Operator : CG/JU
 Sample : 03336-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Jun 23 17:41:52 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	43166	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	196633	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	137314	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	314492	20.000	ng	0.00
76) Chrysene-d12	21.551	240	269641	20.000	ng	0.00
86) Perylene-d12	24.701	264	334938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	350140	125.071	ng	0.00
7) Phenol-d6	7.086	99	499716	116.984	ng	0.00
23) Nitrobenzene-d5	9.084	82	290477	75.818	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	231267	120.907	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	684298	75.586	ng	0.00
79) Terphenyl-d14	19.918	244	1086382	75.127	ng	0.00

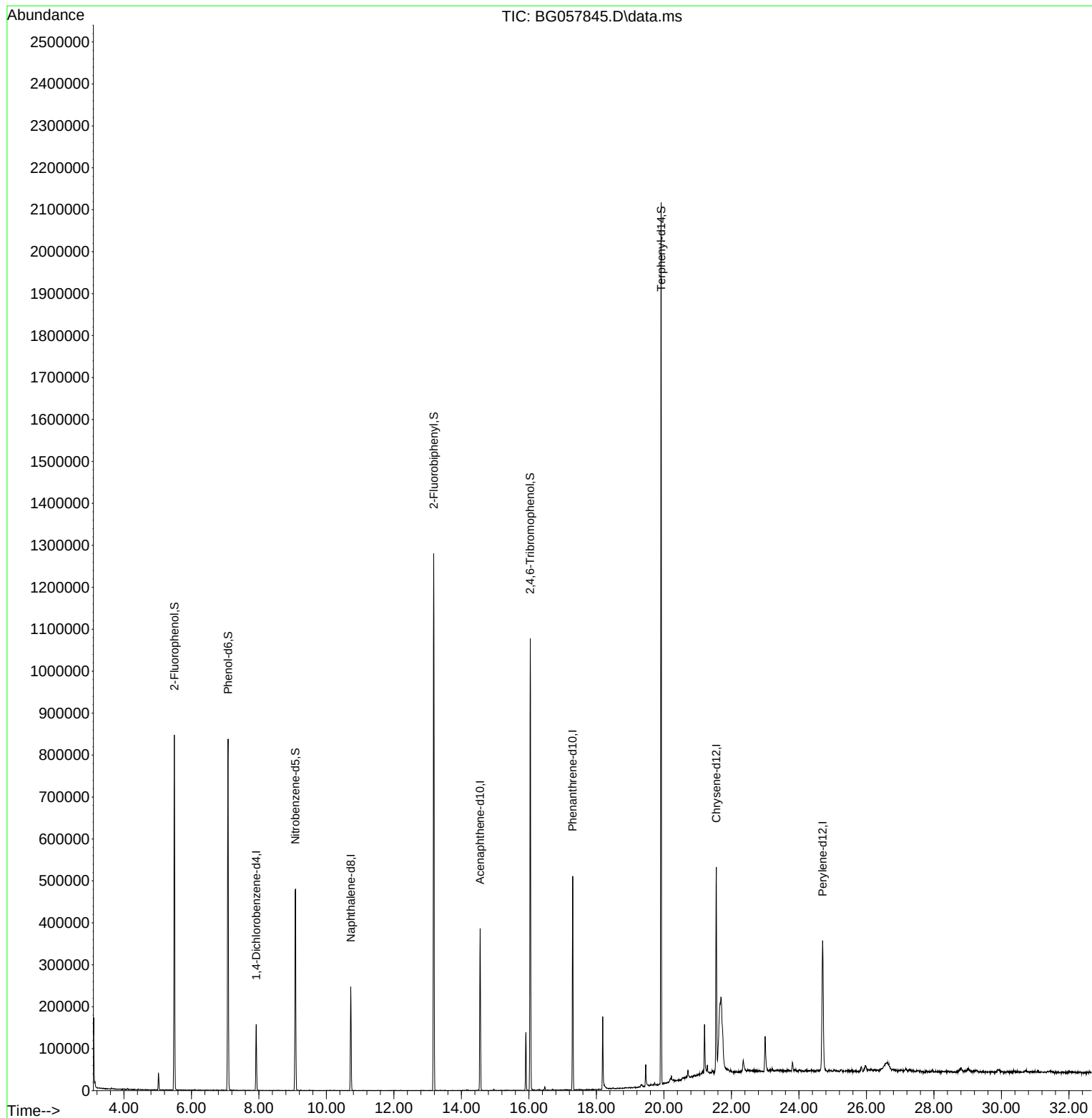
Target Compounds	Qvalue

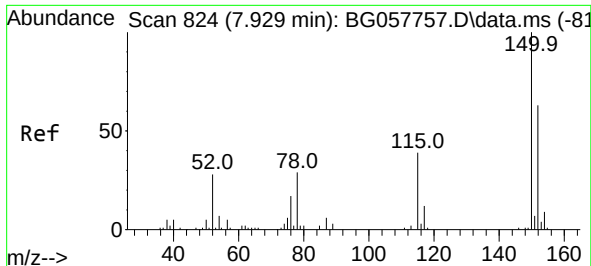
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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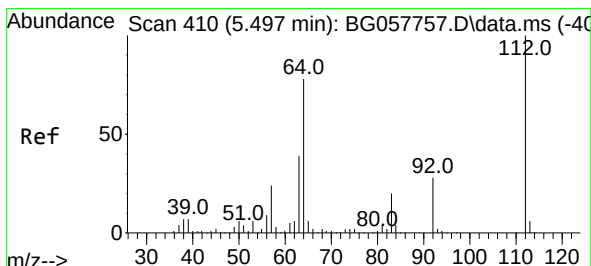
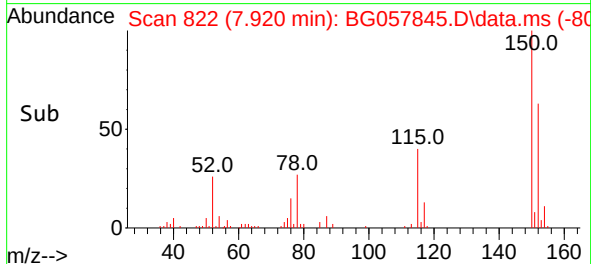
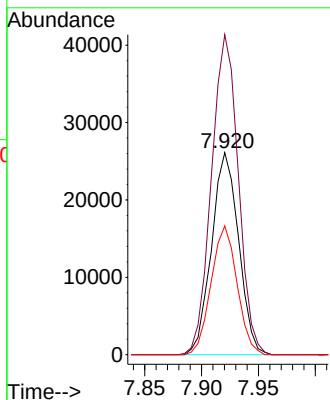
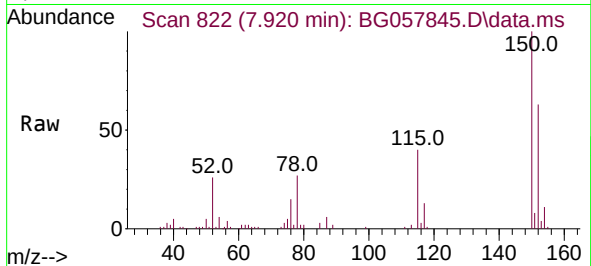




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

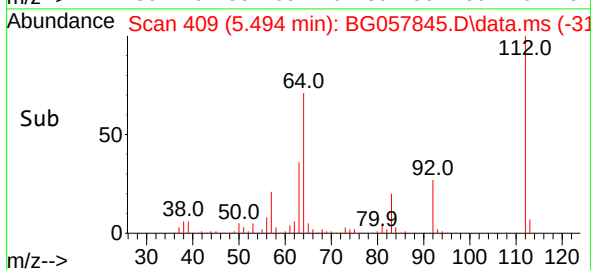
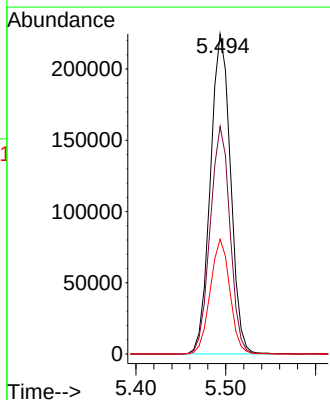
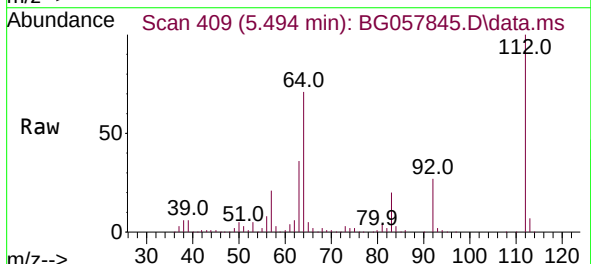
Instrument :
BNA_G
ClientSampleId :
WC-2

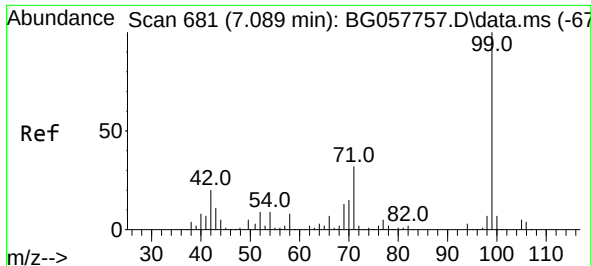
Tgt Ion:152 Resp: 43166
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 63.7 48.9 73.3



#5
2-Fluorophenol
Concen: 125.071 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

Tgt Ion:112 Resp: 350140
Ion Ratio Lower Upper
112 100
64 71.1 62.1 93.1
63 35.9 31.5 47.3

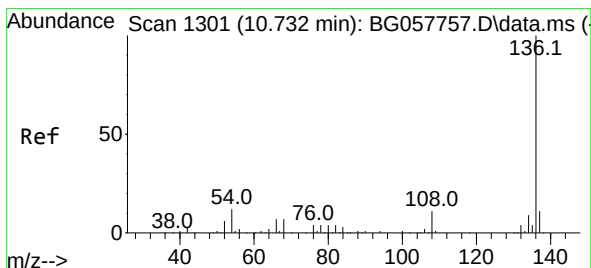
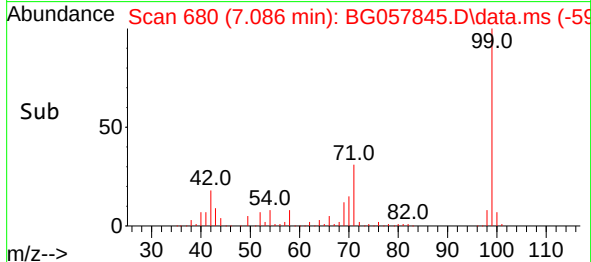
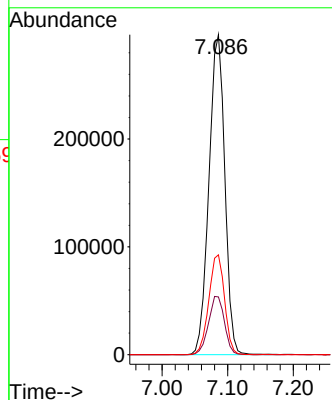
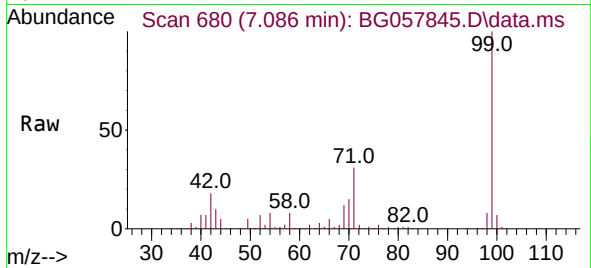




#7
Phenol-d6
Concen: 116.984 ng
RT: 7.086 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

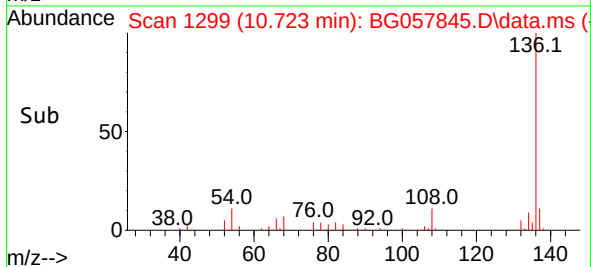
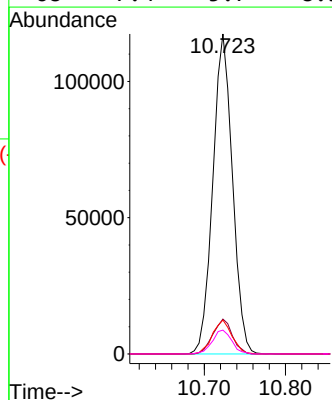
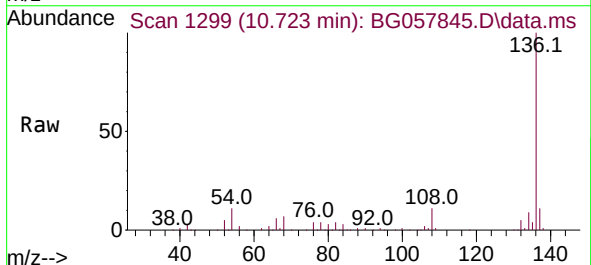
Instrument :
BNA_G
ClientSampleId :
WC-2

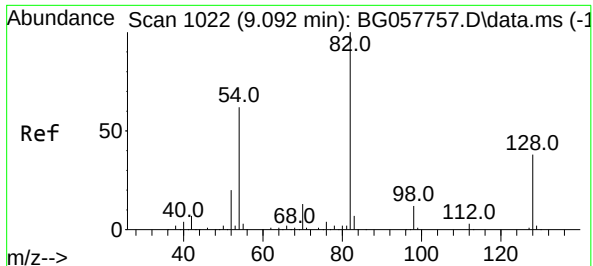
Tgt Ion: 99 Resp: 499716
Ion Ratio Lower Upper
99 100
42 18.1 16.4 24.6
71 31.2 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1299
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

Tgt Ion: 136 Resp: 196633
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.6 9.5 14.3
68 7.4 5.7 8.5

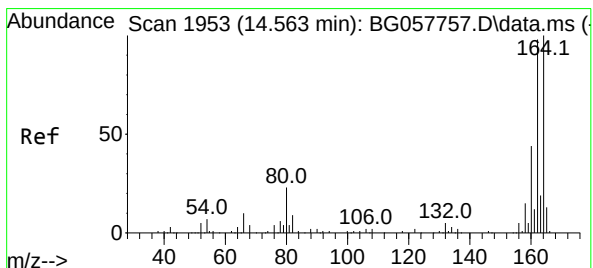
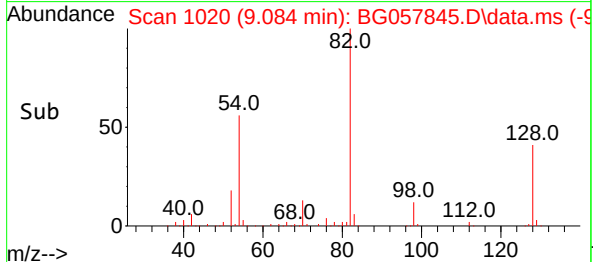
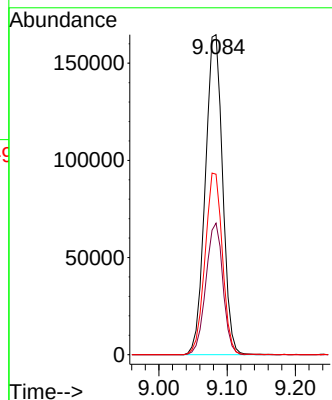
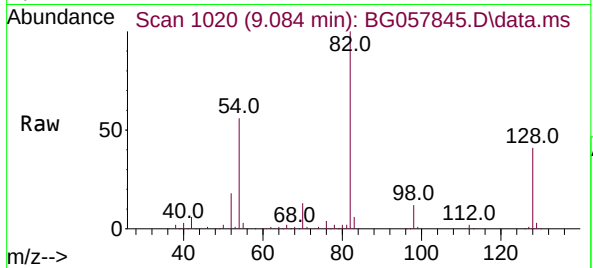




#23
Nitrobenzene-d5
Concen: 75.818 ng
RT: 9.084 min Scan# 1022
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

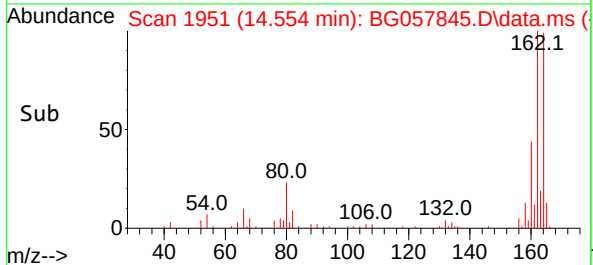
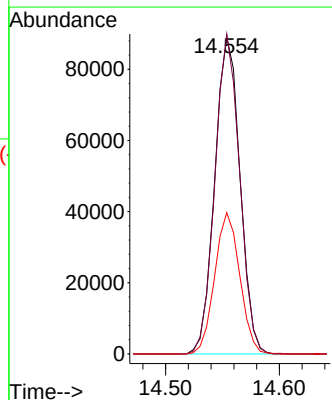
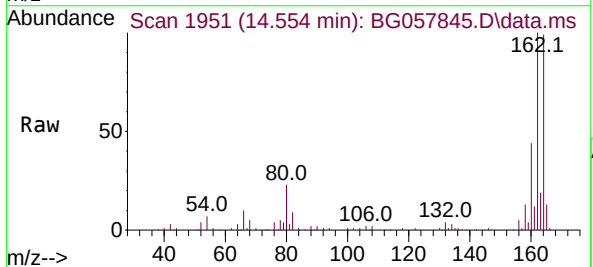
Instrument :
BNA_G
ClientSampleId :
WC-2

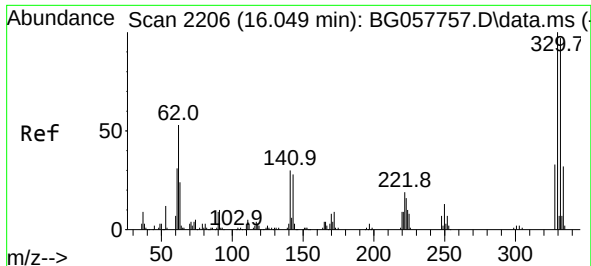
Tgt Ion: 82 Resp: 290477
Ion Ratio Lower Upper
82 100
128 41.1 30.7 46.1
54 56.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

Tgt Ion:164 Resp: 137314
Ion Ratio Lower Upper
164 100
162 100.9 78.3 117.5
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 120.907 ng

RT: 16.040 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057845.D

Acq: 23 Jun 2023 16:45

Instrument :

BNA_G

ClientSampleId :

WC-2

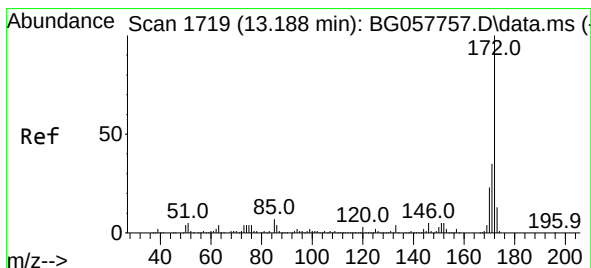
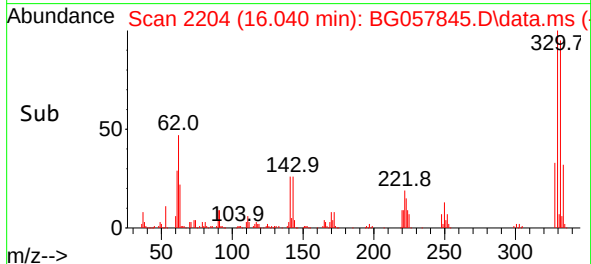
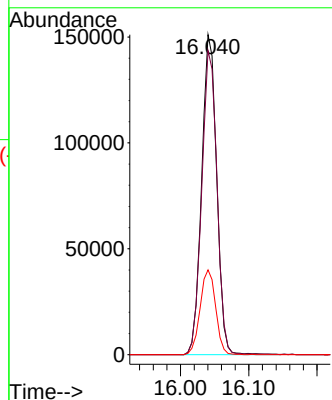
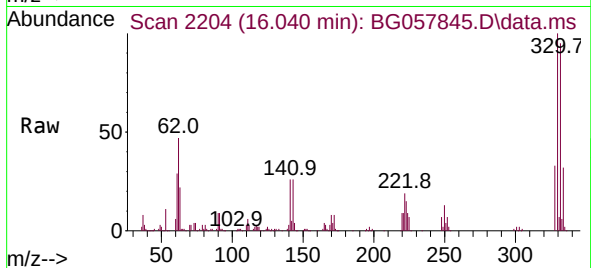
Tgt Ion:330 Resp: 231267

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 27.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 75.586 ng

RT: 13.179 min Scan# 1717

Delta R.T. -0.009 min

Lab File: BG057845.D

Acq: 23 Jun 2023 16:45

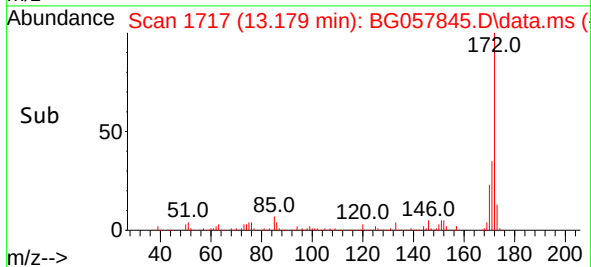
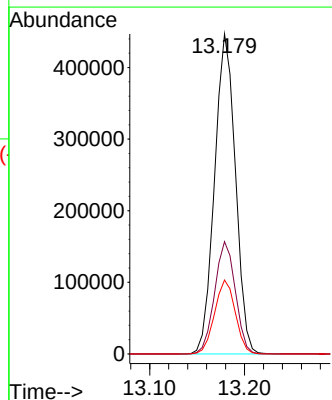
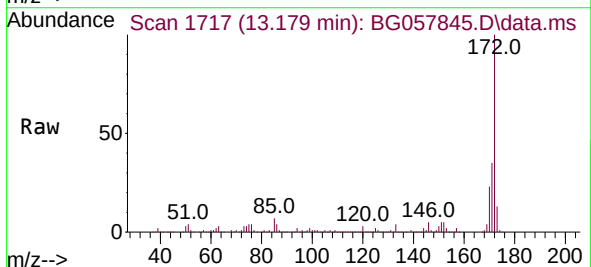
Tgt Ion:172 Resp: 684298

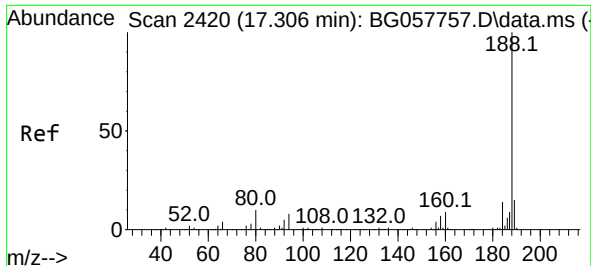
Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

170 23.1 18.6 27.8

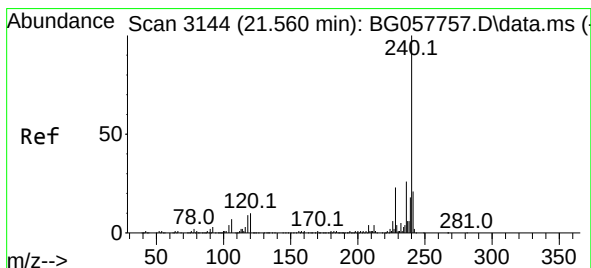
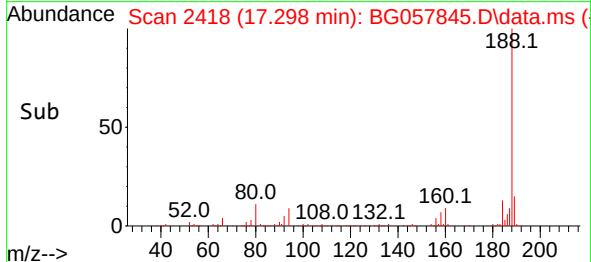
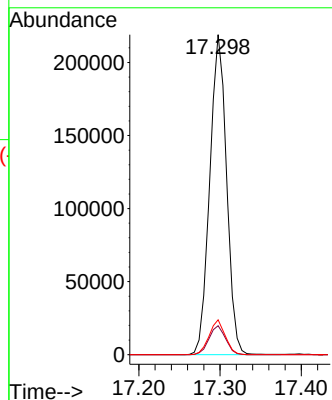
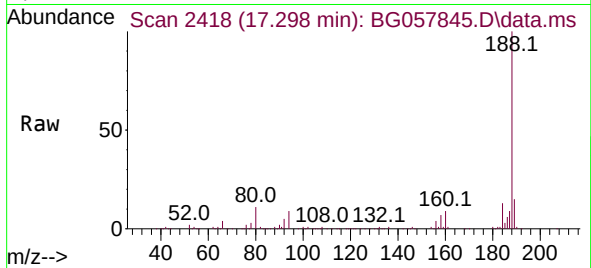




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2418
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

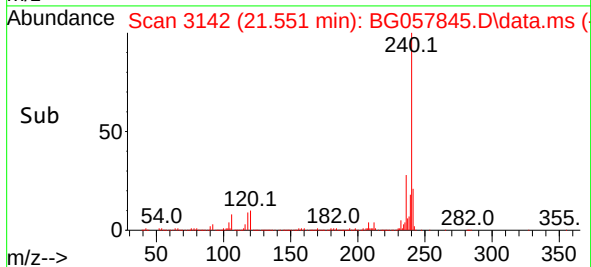
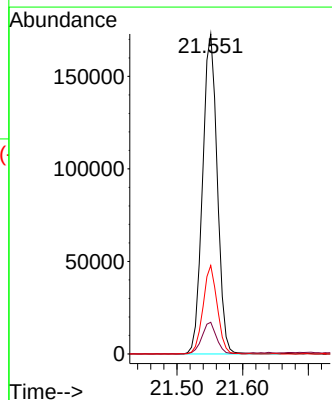
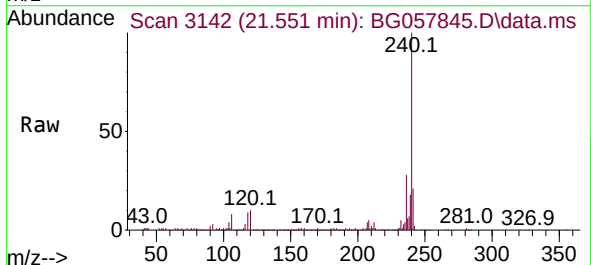
Instrument :
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WC-2

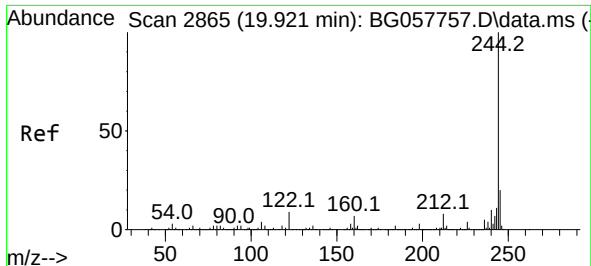
Tgt Ion:188 Resp: 314492
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057845.D
Acq: 23 Jun 2023 16:45

Tgt Ion:240 Resp: 269641
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 27.6 20.6 30.8

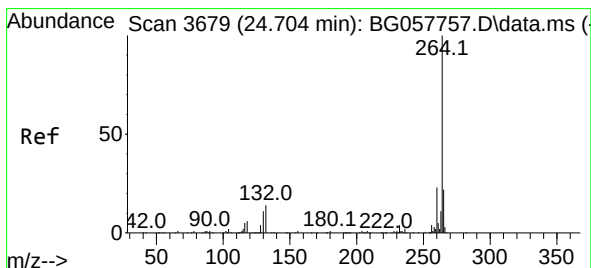
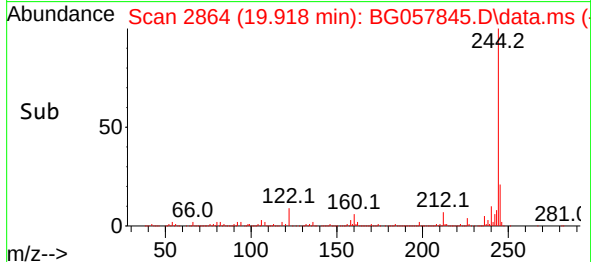
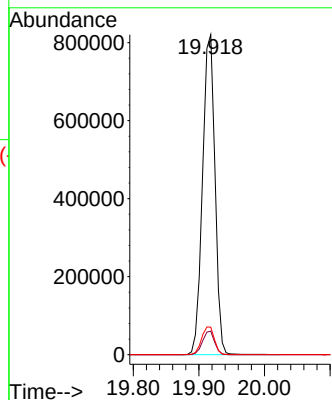
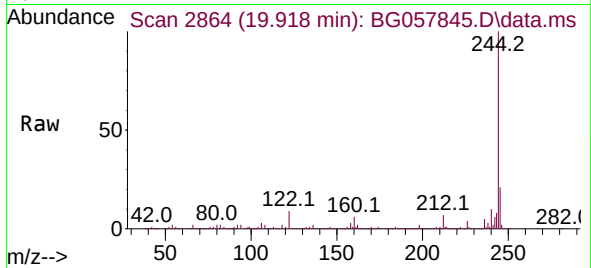




#79
 Terphenyl-d14
 Concen: 75.127 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057845.D
 Acq: 23 Jun 2023 16:45

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1086382
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.701 min Scan# 3678
 Delta R.T. -0.003 min
 Lab File: BG057845.D
 Acq: 23 Jun 2023 16:45

Tgt Ion:264 Resp: 334938
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 22.2 17.4 26.2

