

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057802.D
 Acq On : 22 Jun 2023 9:19
 Operator : CG/JU
 Sample : PB153645BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153645BL

Quant Time: Jun 22 12:04:19 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	7.922	152	31004	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	135262	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	99809	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	271044	20.000	ng	0.00
76) Chrysene-d12	21.548	240	271045	20.000	ng	-0.01
86) Perylene-d12	24.703	264	322078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	302818	150.599	ng	0.00
7) Phenol-d6	7.082	99	428607	139.697	ng	0.00
23) Nitrobenzene-d5	9.080	82	240979	91.437	ng	-0.01
42) 2,4,6-Tribromophenol	16.042	330	202795	145.861	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	581485	88.365	ng	0.00
79) Terphenyl-d14	19.914	244	1269779	87.355	ng	0.00

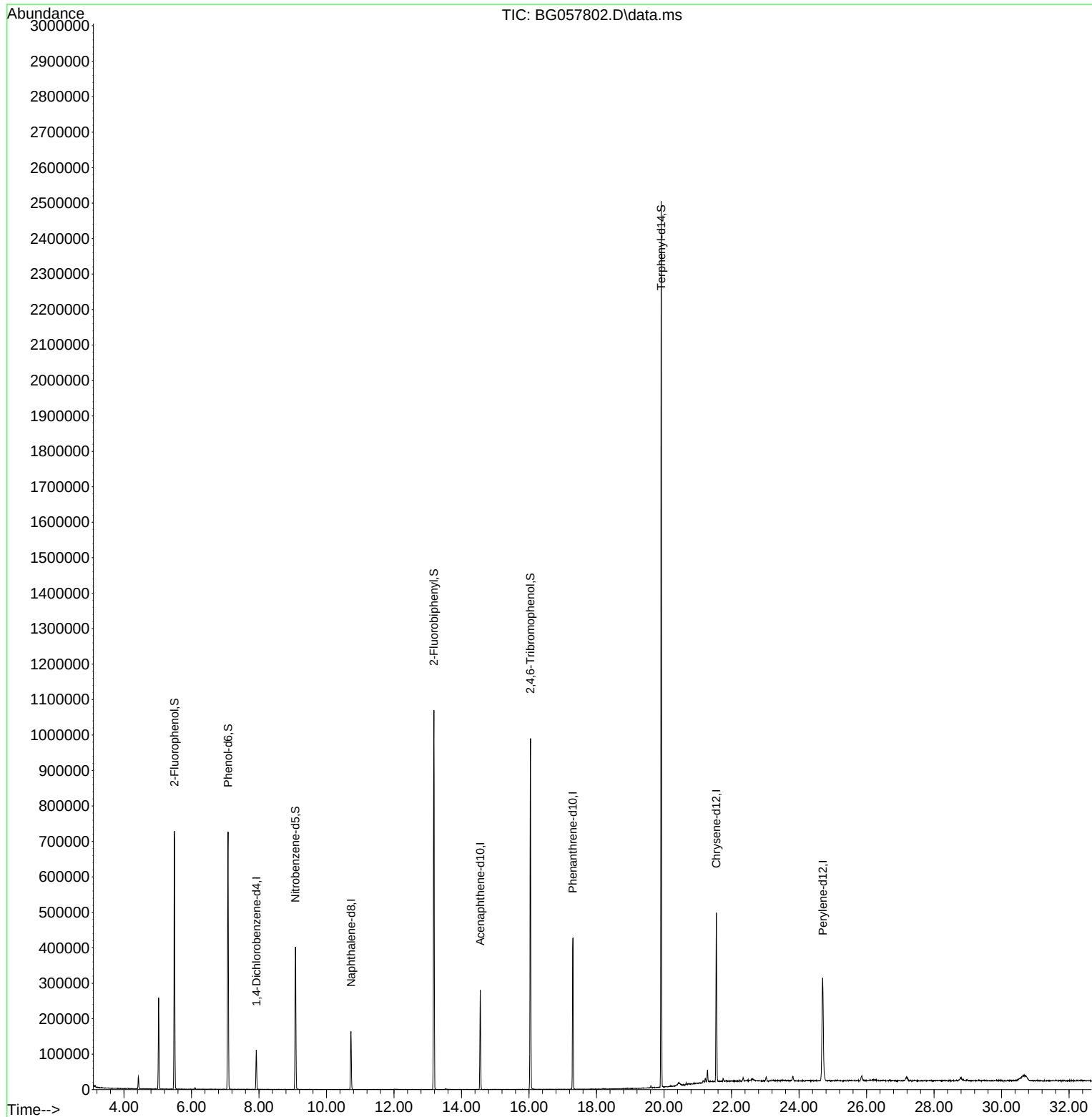
Target Compounds	Qvalue

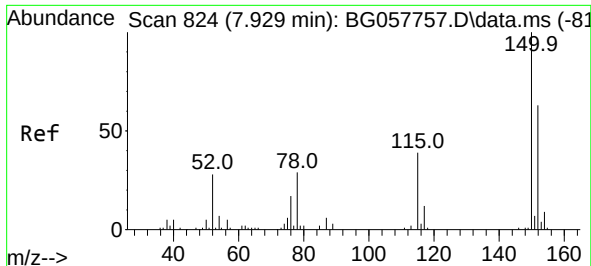
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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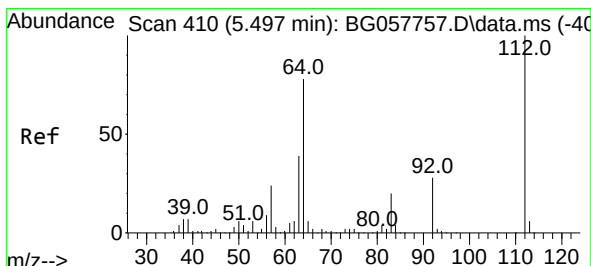
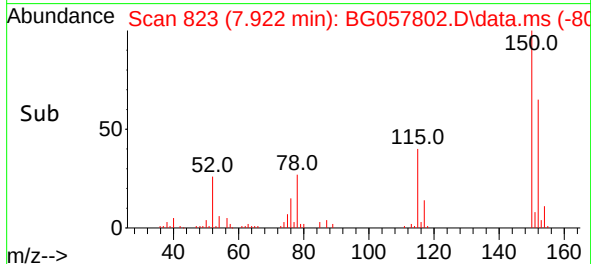
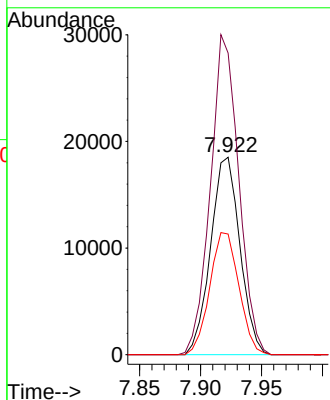
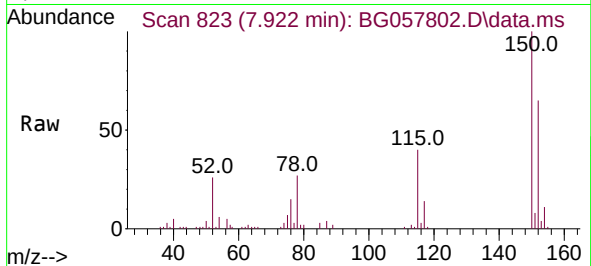




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

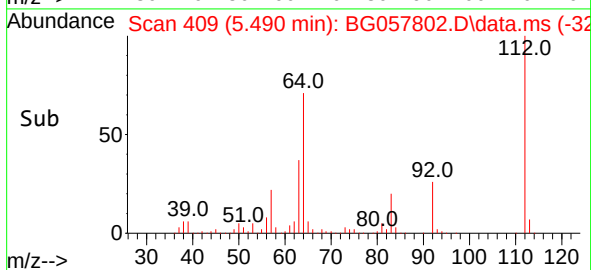
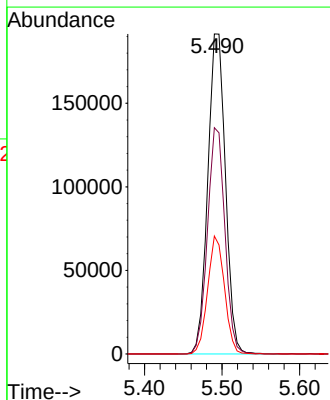
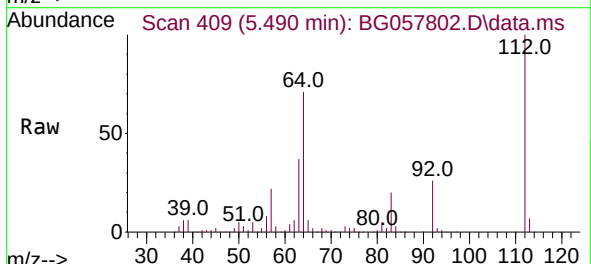
Instrument :
BNA_G
ClientSampleId :
PB153645BL

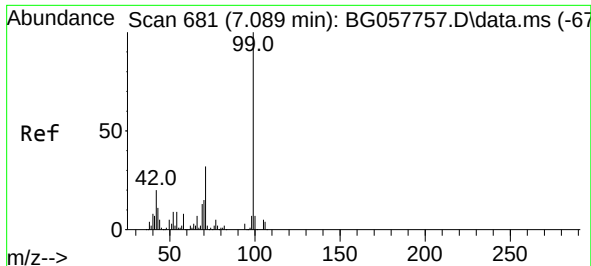
Tgt Ion:152 Resp: 31004
Ion Ratio Lower Upper
152 100
150 152.7 126.6 189.8
115 61.1 48.9 73.3



#5
2-Fluorophenol
Concen: 150.599 ng
RT: 5.490 min Scan# 409
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

Tgt Ion:112 Resp: 302818
Ion Ratio Lower Upper
112 100
64 70.7 62.1 93.1
63 36.9 31.5 47.3

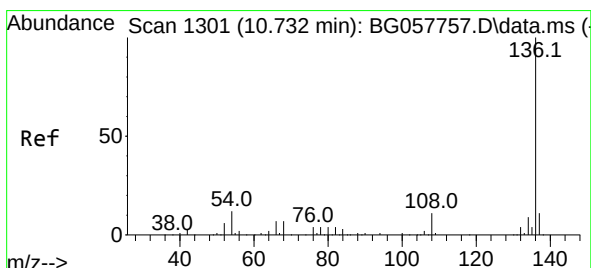
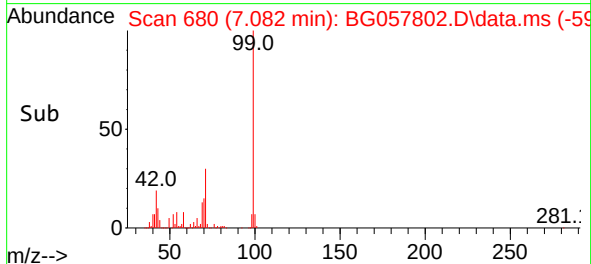
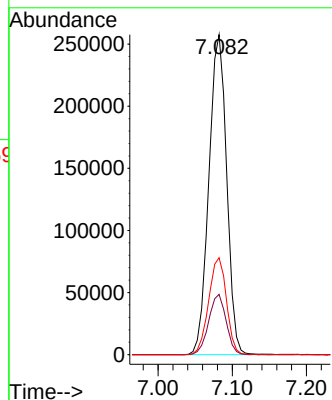
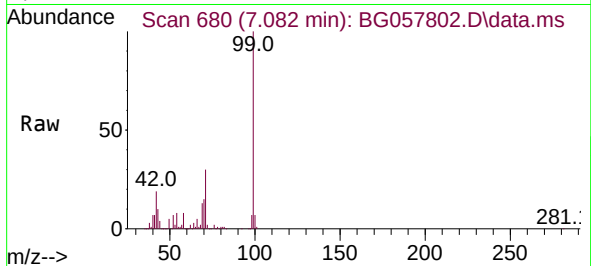




#7
Phenol-d6
Concen: 139.697 ng
RT: 7.082 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

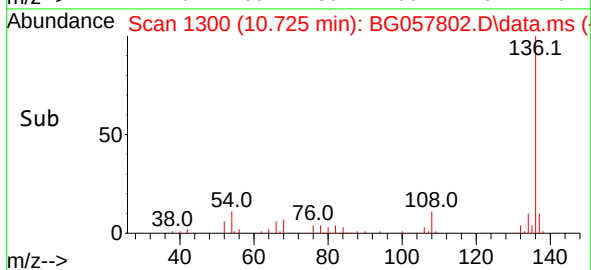
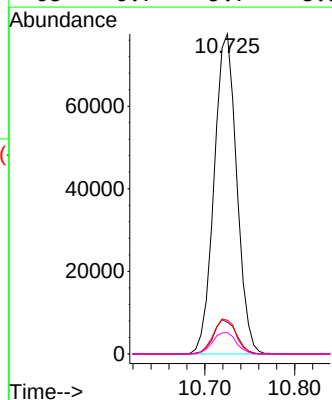
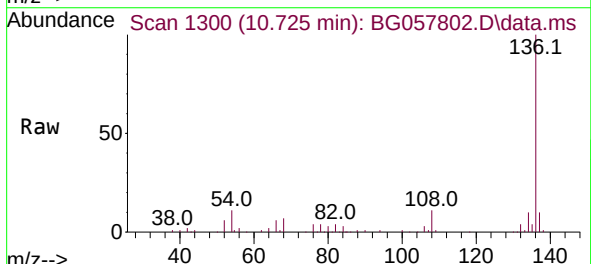
Instrument :
BNA_G
ClientSampleId :
PB153645BL

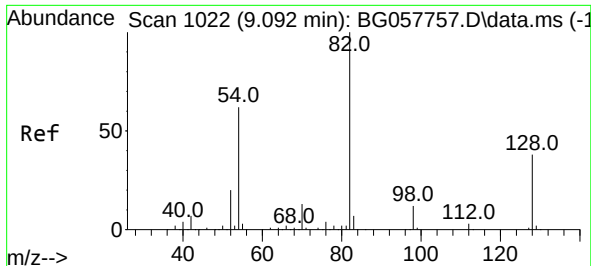
Tgt Ion: 99 Resp: 428607
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 30.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

Tgt Ion: 136 Resp: 135262
Ion Ratio Lower Upper
136 100
137 9.9 8.5 12.7
54 11.2 9.5 14.3
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 91.437 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.013 min

Lab File: BG057802.D

Acq: 22 Jun 2023 9:19

Instrument :

BNA_G

ClientSampleId :

PB153645BL

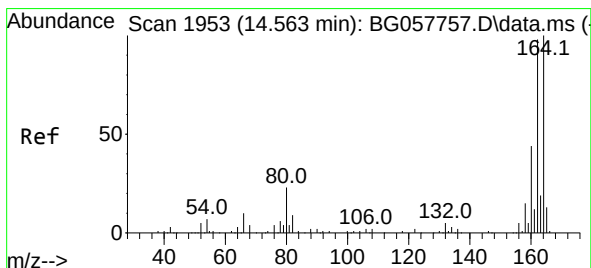
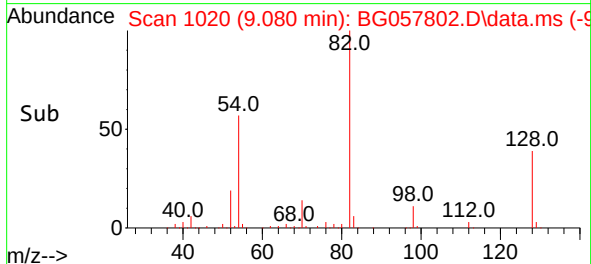
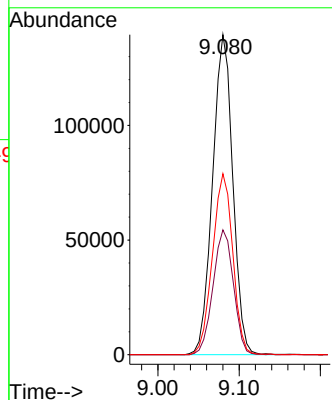
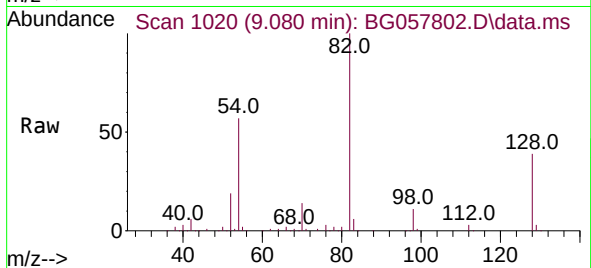
Tgt Ion: 82 Resp: 240979

Ion Ratio Lower Upper

82 100

128 39.0 30.7 46.1

54 56.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.007 min

Lab File: BG057802.D

Acq: 22 Jun 2023 9:19

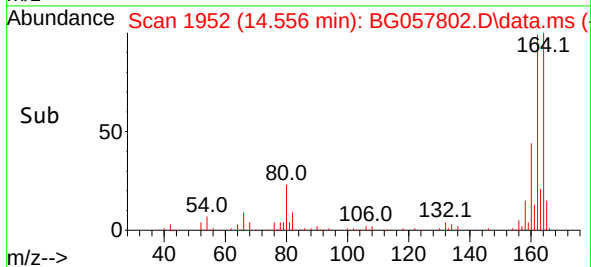
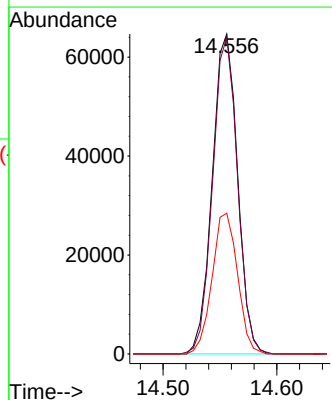
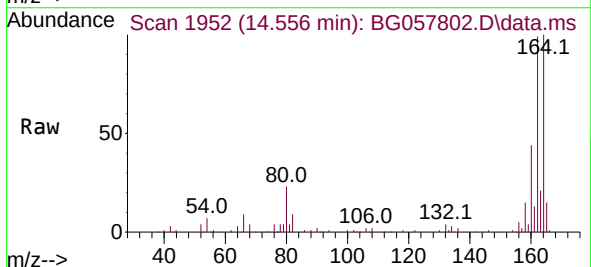
Tgt Ion:164 Resp: 99809

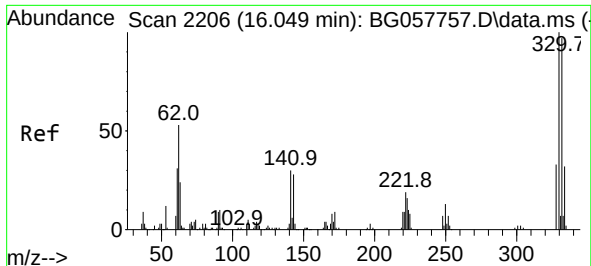
Ion Ratio Lower Upper

164 100

162 99.1 78.3 117.5

160 44.0 35.4 53.0

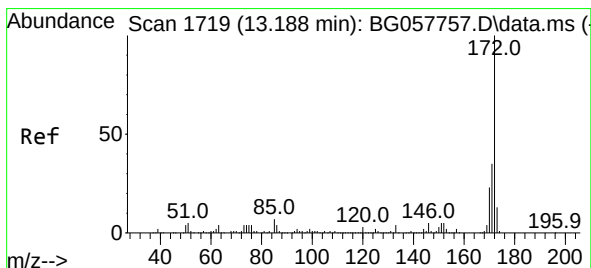
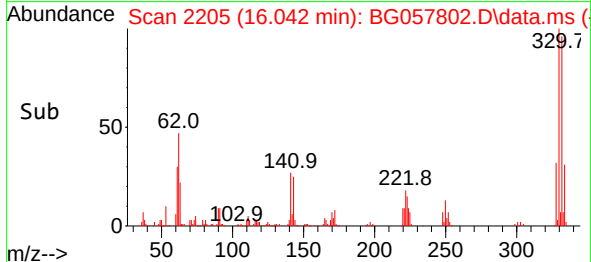
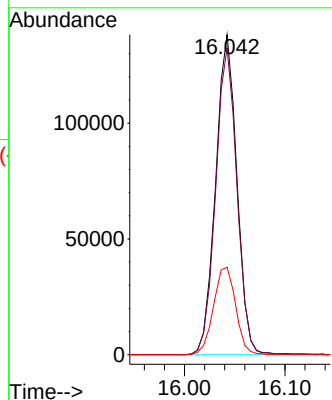
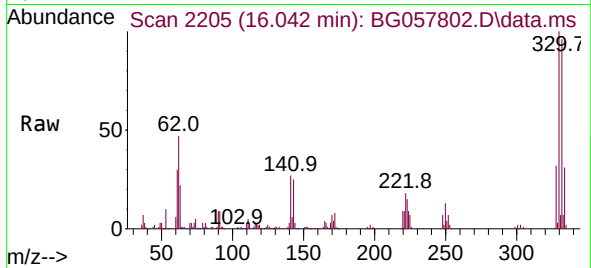




#42
2,4,6-Tribromophenol
Concen: 145.861 ng
RT: 16.042 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

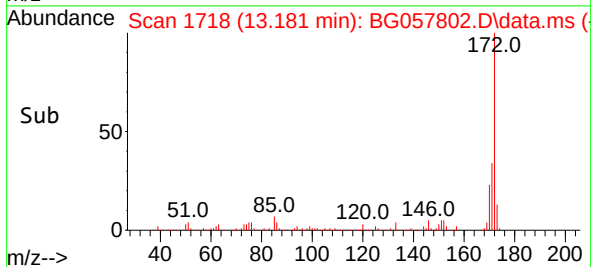
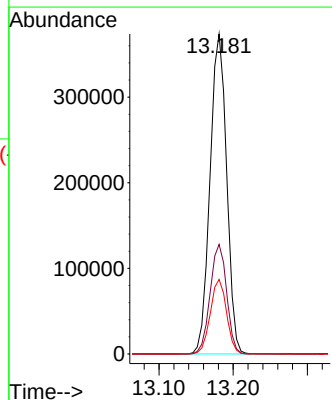
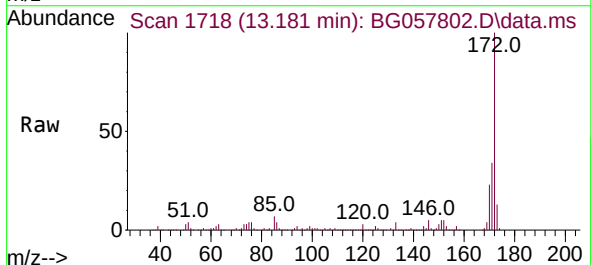
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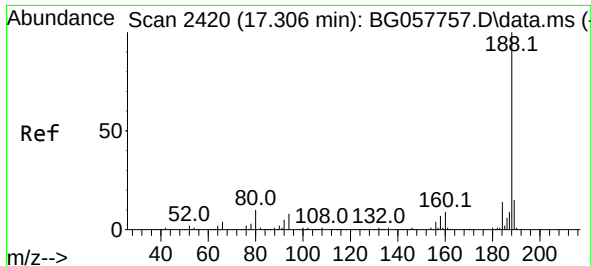
Tgt Ion:330 Resp: 202795
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.365 ng
RT: 13.181 min Scan# 1718
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

Tgt Ion:172 Resp: 581485
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.3 18.6 27.8

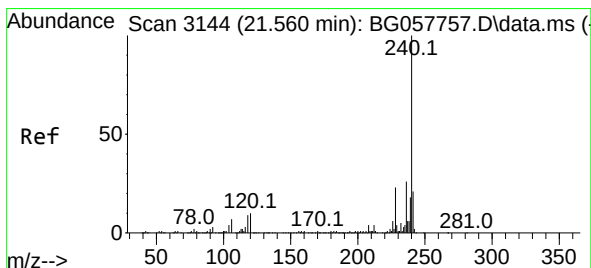
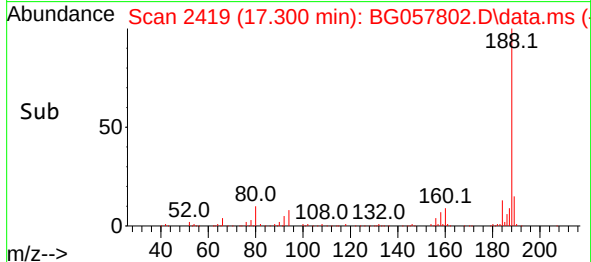
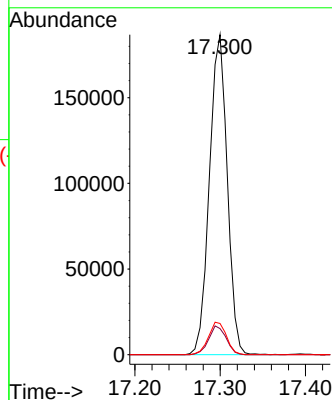
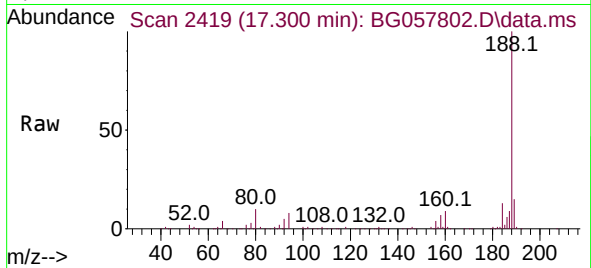




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.007 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

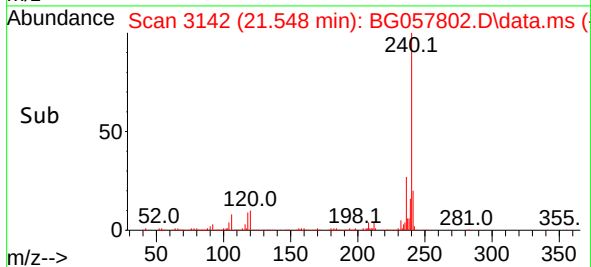
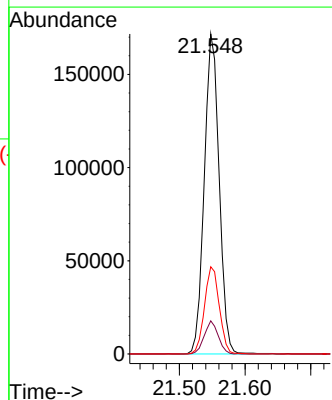
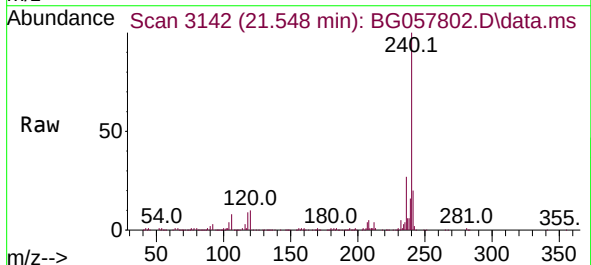
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ClientSampleId :
PB153645BL

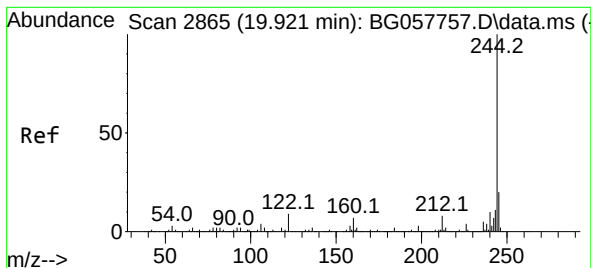
Tgt Ion:188 Resp: 271044
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.548 min Scan# 3142
Delta R.T. -0.013 min
Lab File: BG057802.D
Acq: 22 Jun 2023 9:19

Tgt Ion:240 Resp: 271045
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 27.3 20.6 30.8





#79

Terphenyl-d14

Concen: 87.355 ng

RT: 19.914 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057802.D

Acq: 22 Jun 2023 9:19

Instrument :

BNA_G

ClientSampleId :

PB153645BL

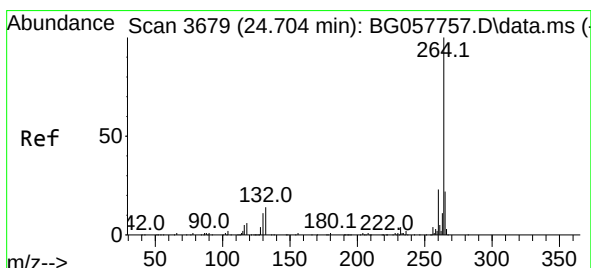
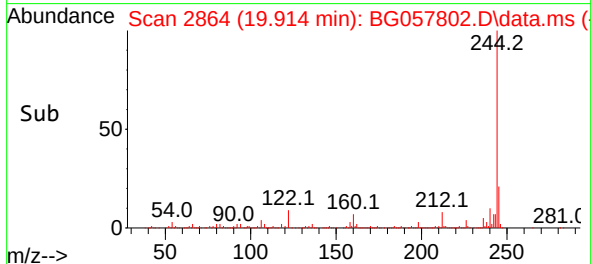
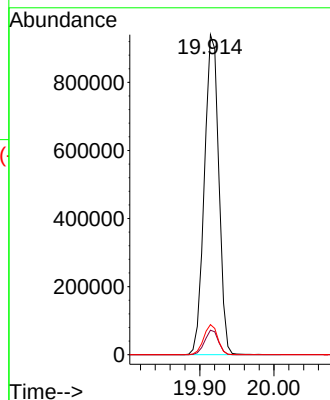
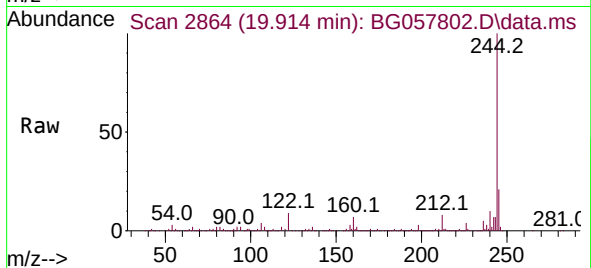
Tgt Ion:244 Resp: 1269779

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.703 min Scan# 3679

Delta R.T. -0.001 min

Lab File: BG057802.D

Acq: 22 Jun 2023 9:19

Tgt Ion:264 Resp: 322078

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.1 17.4 26.2

