

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061923\
 Data File : BG057762.D
 Acq On : 19 Jun 2023 19:41
 Operator : CG/JU
 Sample : PB153461BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153461BL

Quant Time: Jun 20 04:02:49 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	7.928	152	29840	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	130801	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	94076	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	252068	20.000	ng	0.00
76) Chrysene-d12	21.554	240	235622	20.000	ng	0.00
86) Perylene-d12	24.703	264	282725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	288800	149.230	ng	0.00
7) Phenol-d6	7.088	99	407752	138.084	ng	0.00
23) Nitrobenzene-d5	9.086	82	232596	91.266	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	176815	134.925	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	548322	88.403	ng	0.00
79) Terphenyl-d14	19.920	244	1135901	89.893	ng	0.00

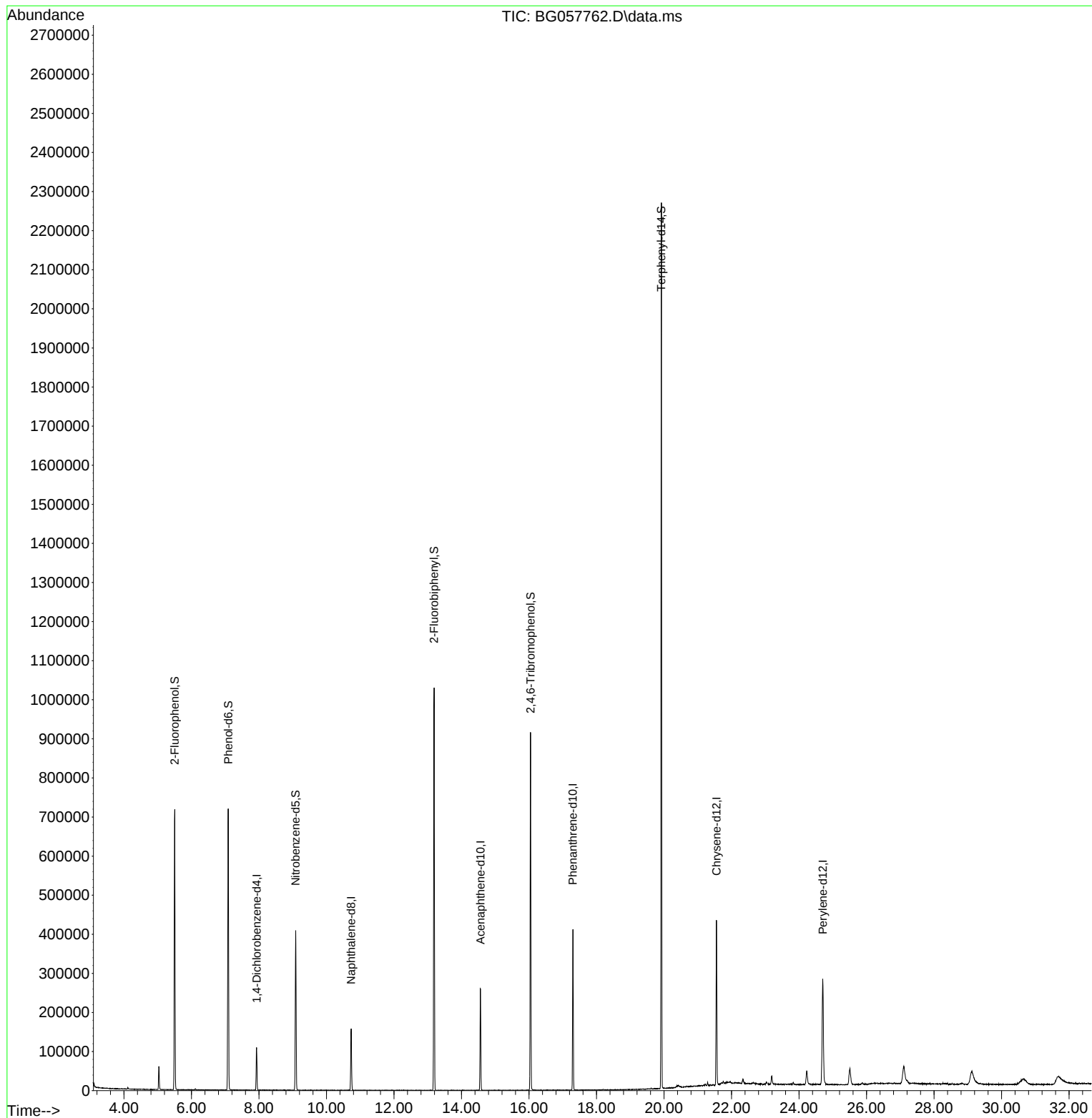
Target Compounds	Qvalue

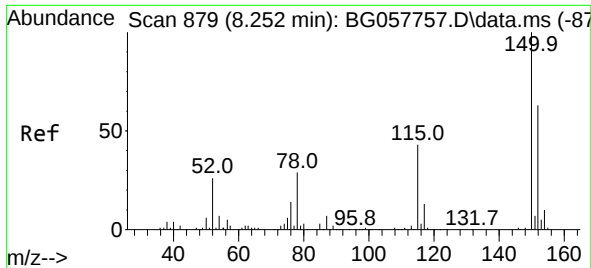
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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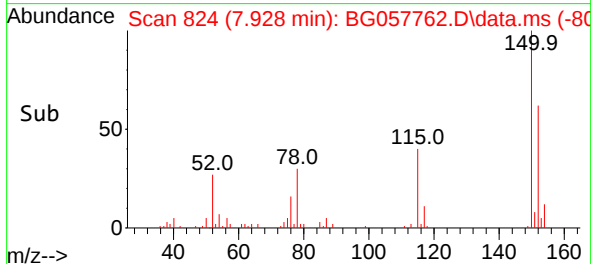
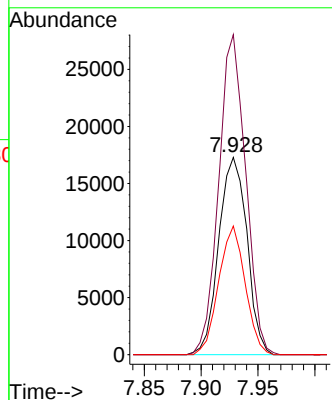
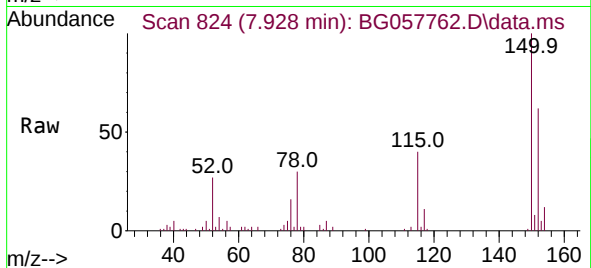




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

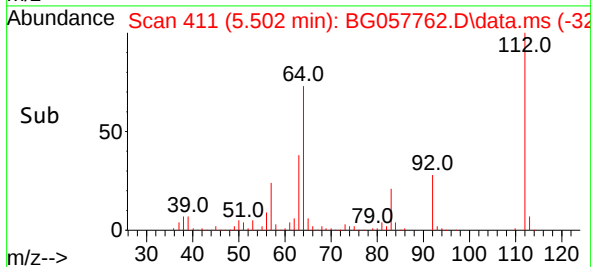
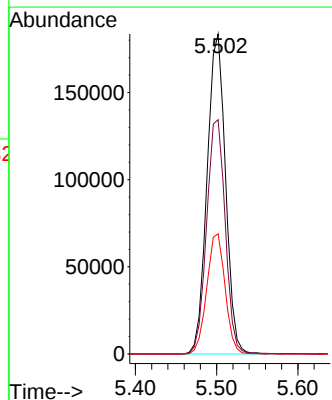
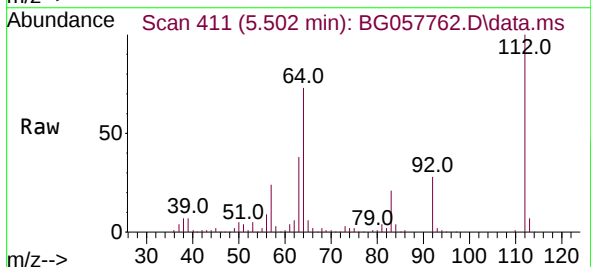
Instrument :
BNA_G
ClientSampleId :
PB153461BL

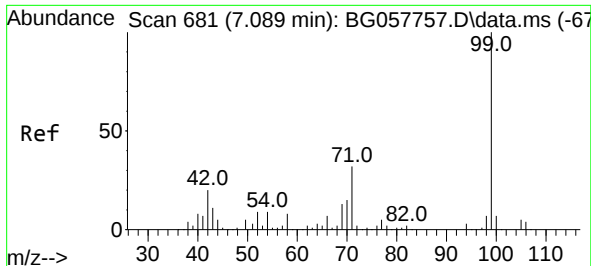
Tgt Ion:152 Resp: 29840
Ion Ratio Lower Upper
152 100
150 162.2 126.6 189.8
115 65.2 48.9 73.3



#5
2-Fluorophenol
Concen: 149.230 ng
RT: 5.502 min Scan# 411
Delta R.T. 0.005 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:112 Resp: 288800
Ion Ratio Lower Upper
112 100
64 73.2 62.1 93.1
63 37.6 31.5 47.3

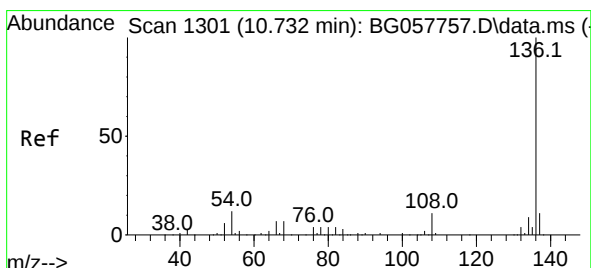
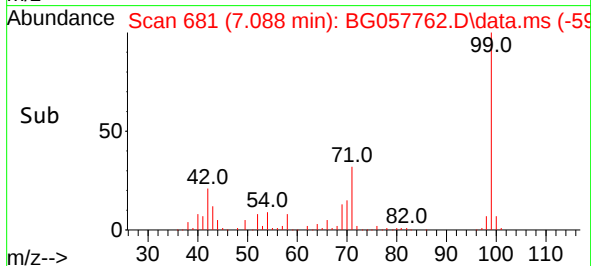
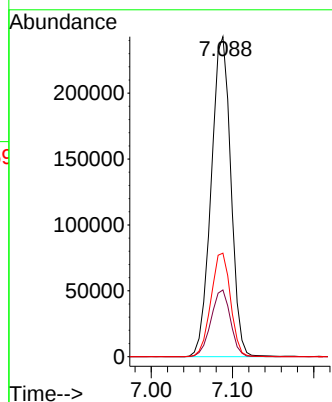
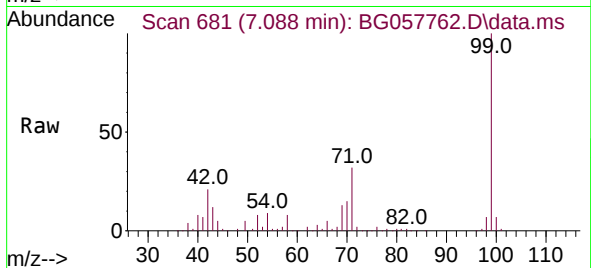




#7
Phenol-d6
Concen: 138.084 ng
RT: 7.088 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

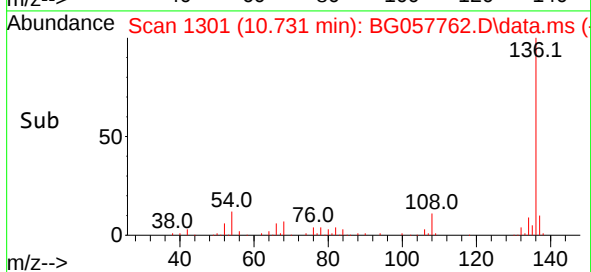
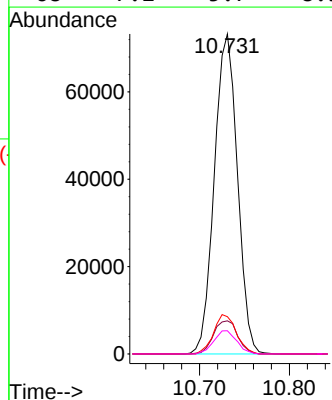
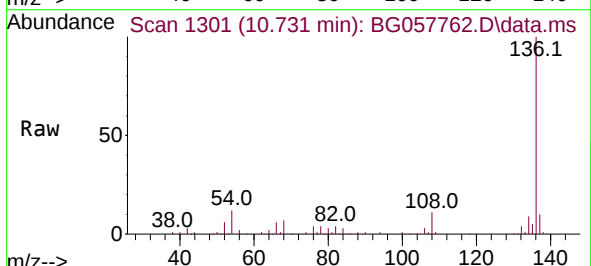
Instrument :
BNA_G
ClientSampleId :
PB153461BL

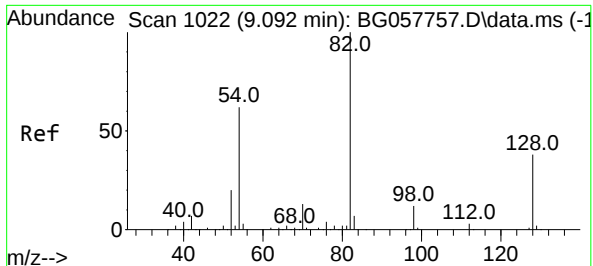
Tgt Ion: 99 Resp: 407752
Ion Ratio Lower Upper
99 100
42 20.9 16.4 24.6
71 32.4 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:136 Resp: 130801
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 11.7 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 91.266 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.007 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

Instrument :

BNA_G

ClientSampleId :

PB153461BL

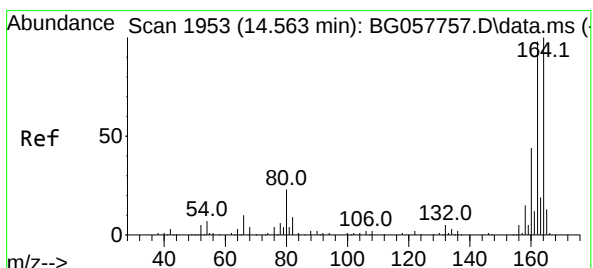
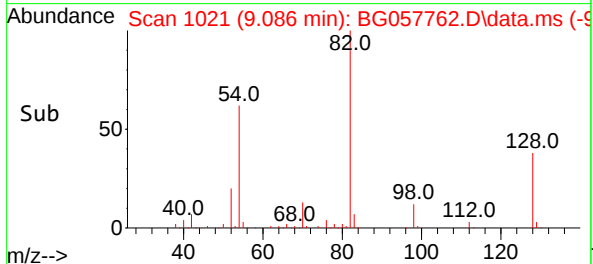
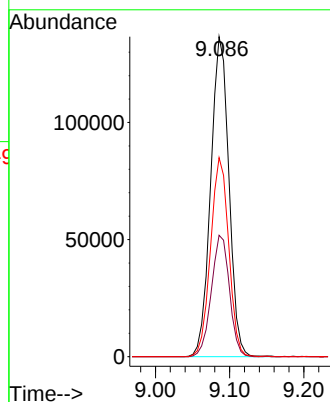
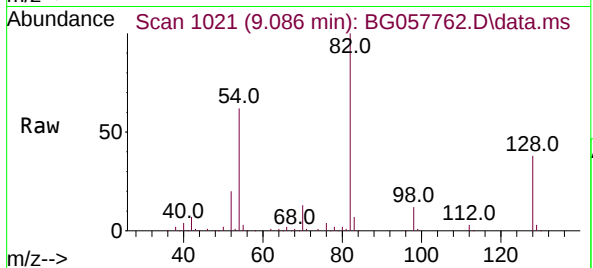
Tgt Ion: 82 Resp: 232596

Ion Ratio Lower Upper

82 100

128 38.0 30.7 46.1

54 62.2 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1953

Delta R.T. -0.001 min

Lab File: BG057762.D

Acq: 19 Jun 2023 19:41

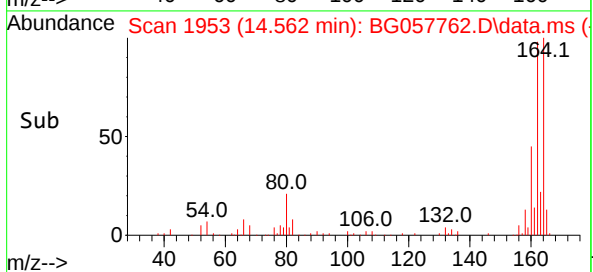
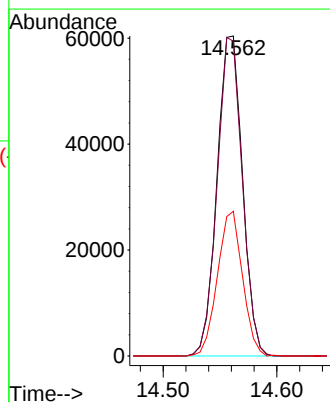
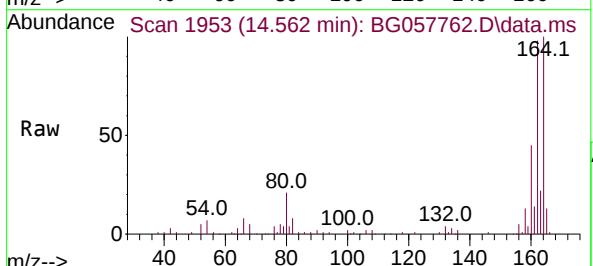
Tgt Ion:164 Resp: 94076

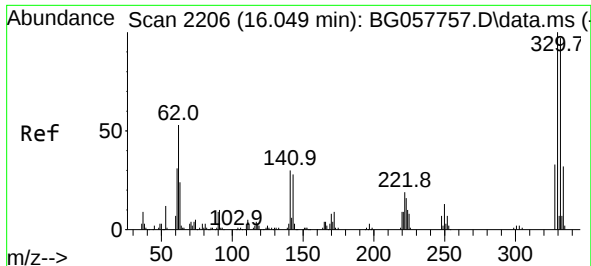
Ion Ratio Lower Upper

164 100

162 98.3 78.3 117.5

160 45.2 35.4 53.0

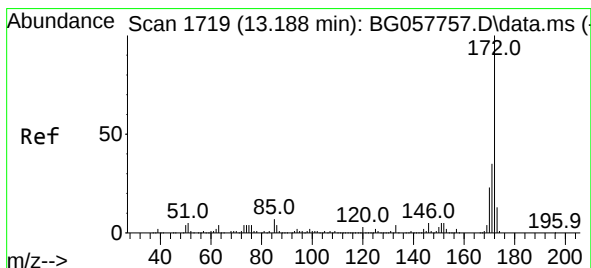
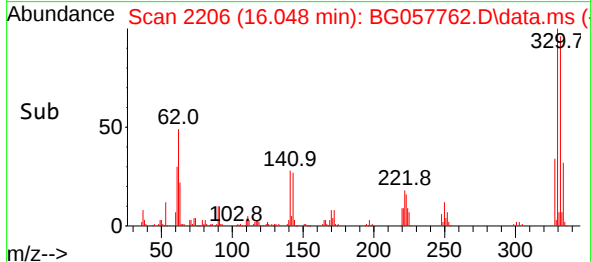
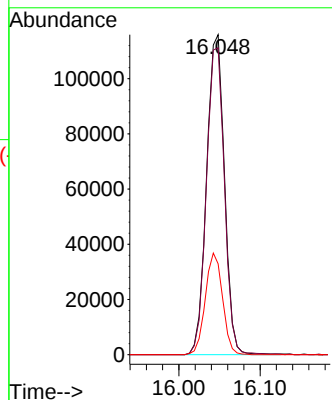
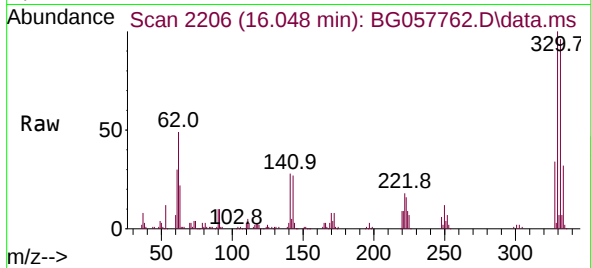




#42
2,4,6-Tribromophenol
Concen: 134.925 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

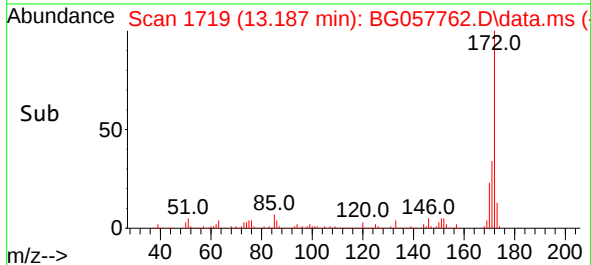
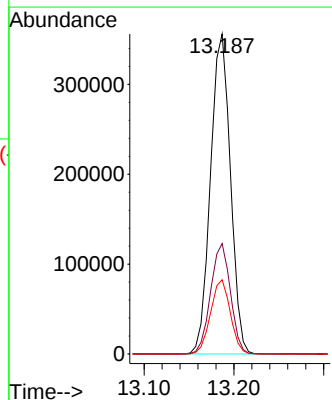
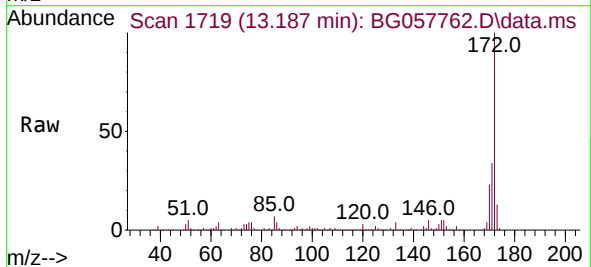
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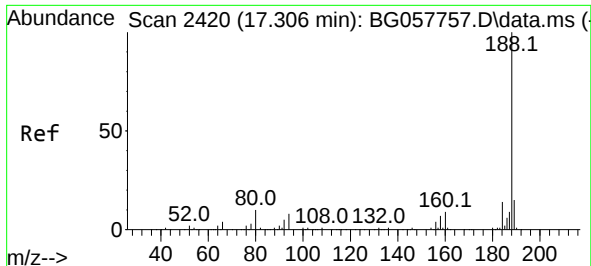
Tgt Ion:330 Resp: 176815
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 30.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.403 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:172 Resp: 548322
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.2 18.6 27.8

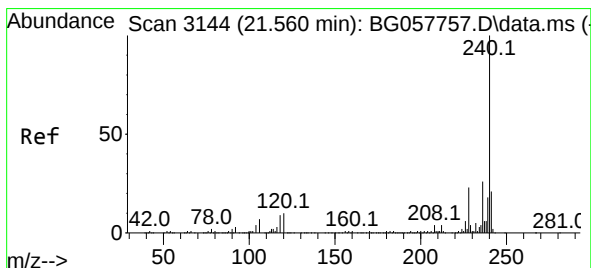
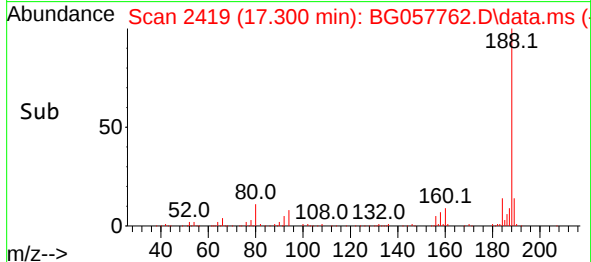
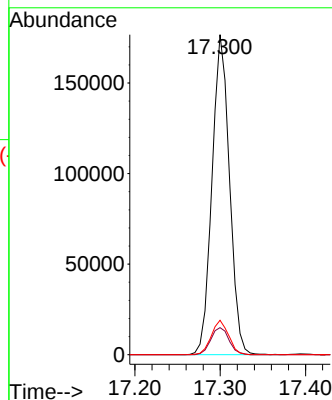
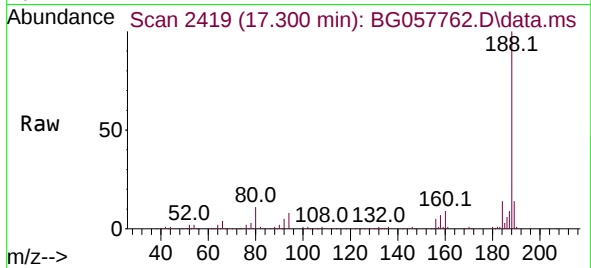




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.300 min Scan# 2419
Delta R.T. -0.007 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

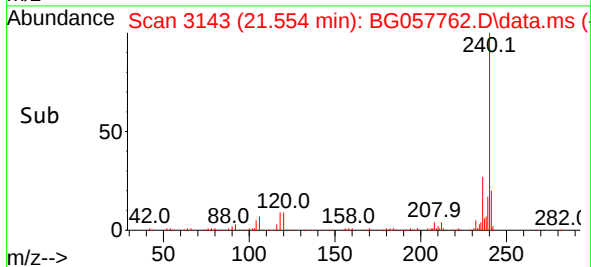
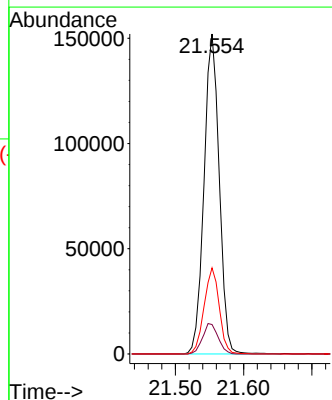
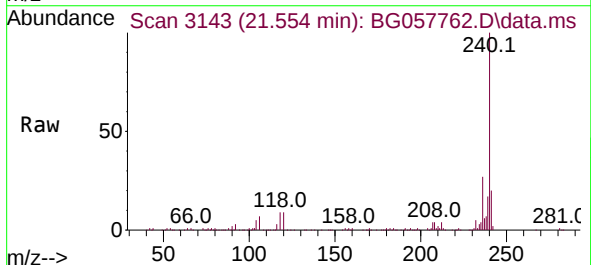
Instrument :
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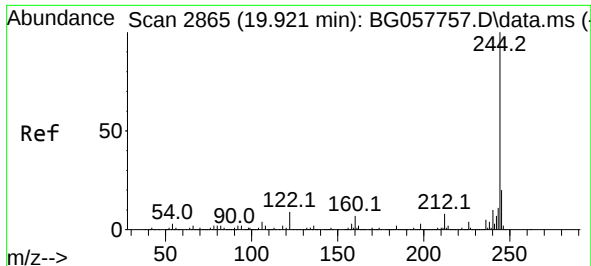
Tgt Ion:188 Resp: 252068
Ion Ratio Lower Upper
188 100
94 8.4 6.6 9.8
80 10.7 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BG057762.D
Acq: 19 Jun 2023 19:41

Tgt Ion:240 Resp: 235622
Ion Ratio Lower Upper
240 100
120 9.2 8.1 12.1
236 26.9 20.6 30.8

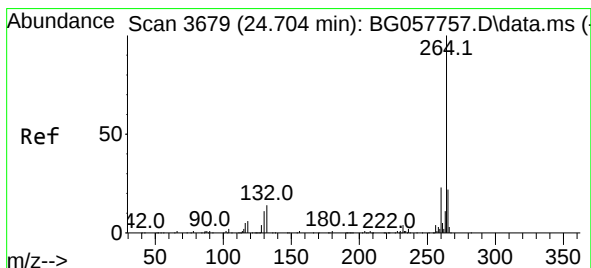
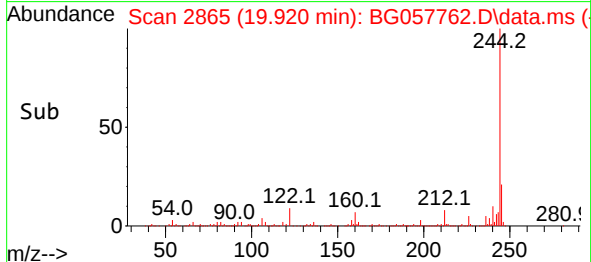
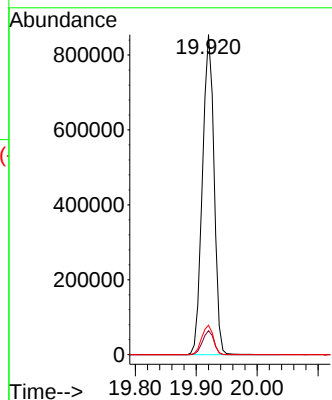
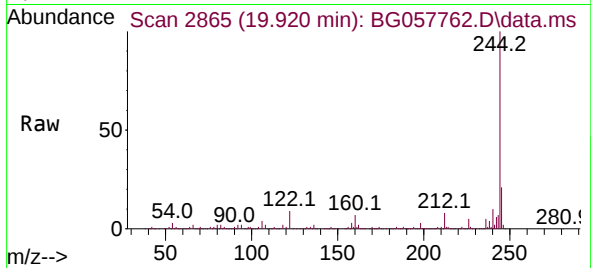




#79
 Terphenyl-d14
 Concen: 89.893 ng
 RT: 19.920 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057762.D
 Acq: 19 Jun 2023 19:41

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1135901
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 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: BG057762.D
 Acq: 19 Jun 2023 19:41

Tgt Ion:264 Resp: 282725
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.9 17.4 26.2

