

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057597.D
 Acq On : 26 May 2023 23:57
 Operator : CG/JU
 Sample : PB153024TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153024TB

Quant Time: May 27 02:31:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 23:44:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	15177	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	61976	20.000	ng	0.00
39) Acenaphthene-d10	14.963	164	47882	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	139581	20.000	ng	0.00
76) Chrysene-d12	22.018	240	158169	20.000	ng	0.00
86) Perylene-d12	25.519	264	168306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	138961	159.068	ng	0.00
7) Phenol-d6	7.491	99	201369	147.290	ng	0.00
23) Nitrobenzene-d5	9.529	82	125055	94.324	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	103797	135.399	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	318308	95.536	ng	0.00
79) Terphenyl-d14	20.280	244	892945	97.793	ng	0.00

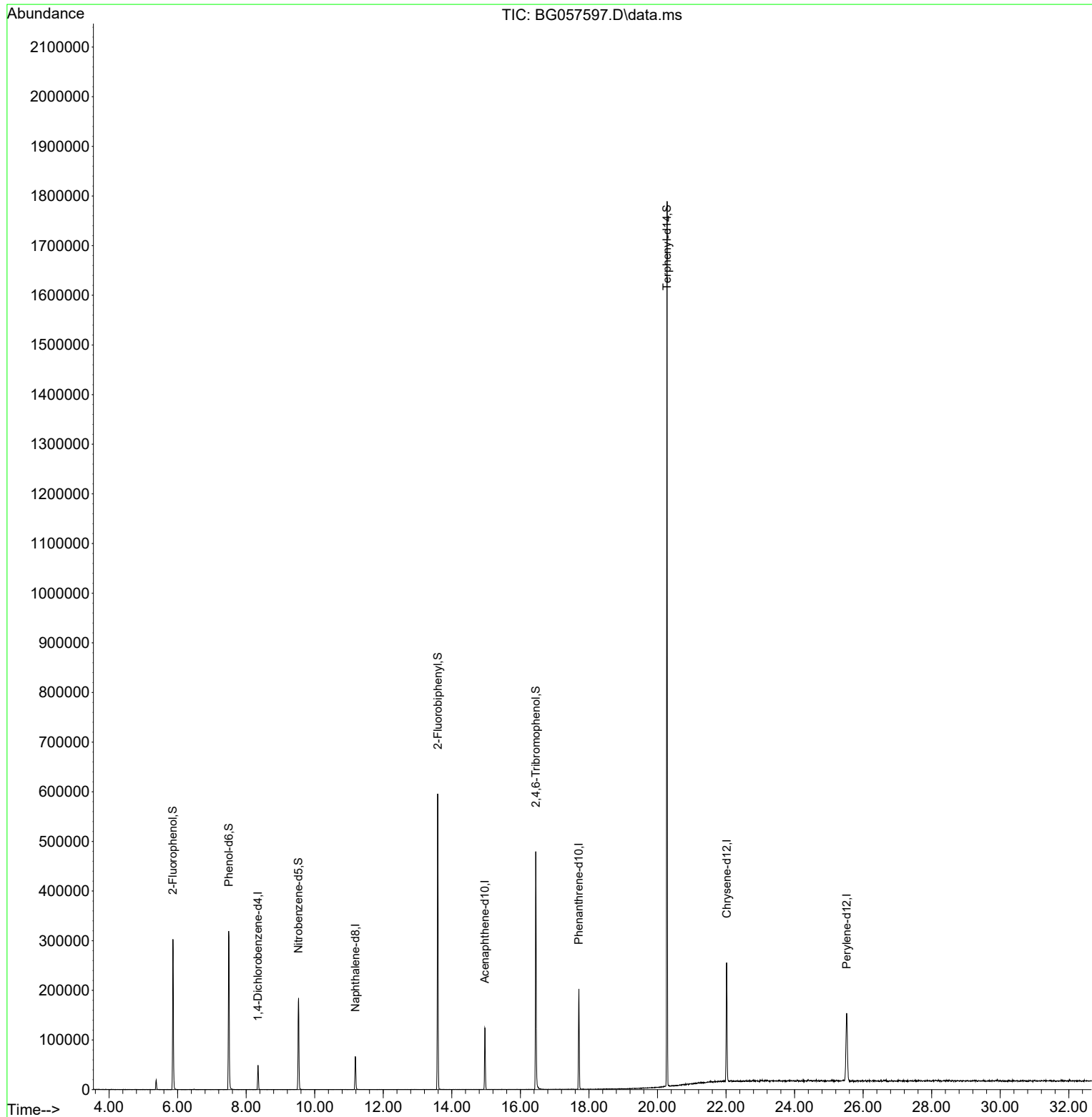
Target Compounds	Qvalue

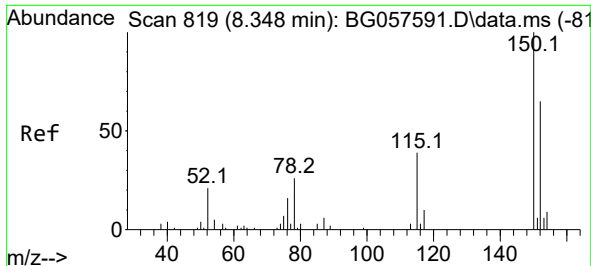
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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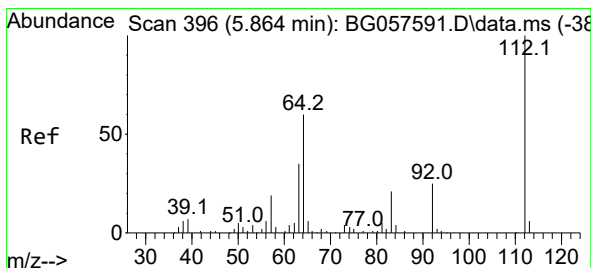
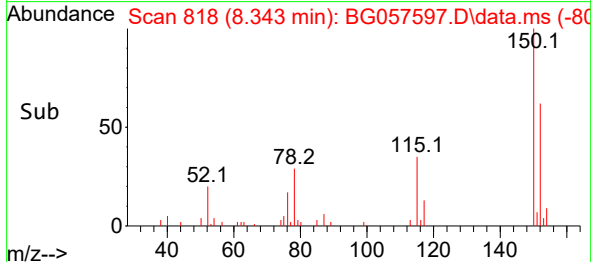
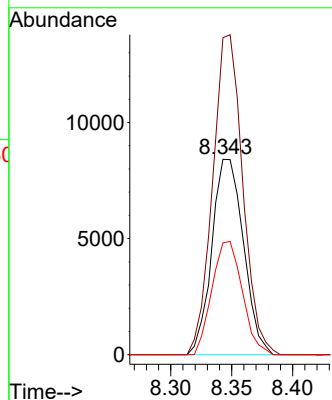
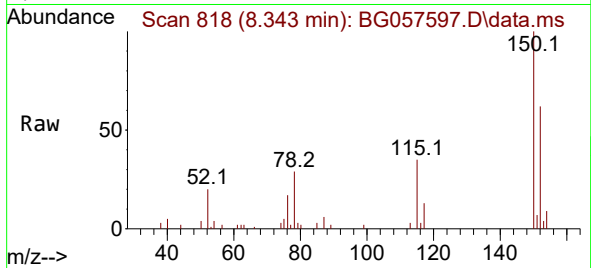




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.343 min Scan# 819
Delta R.T. -0.005 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

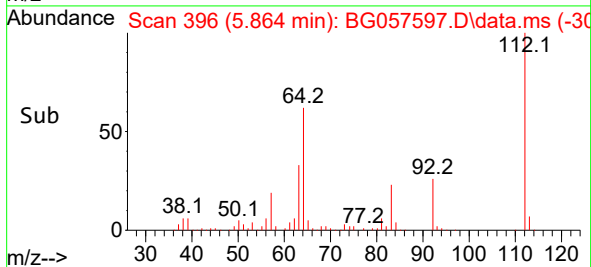
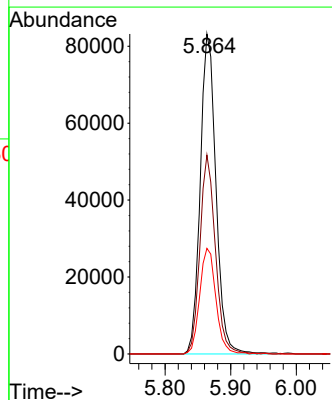
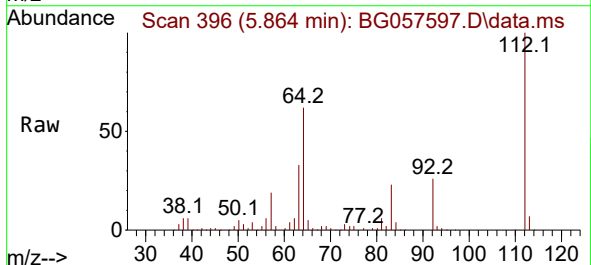
Instrument :
BNA_G
ClientSampleId :
PB153024TB

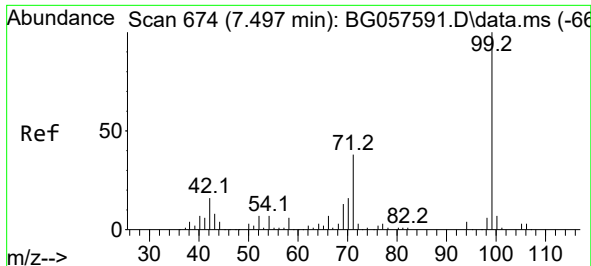
Tgt Ion:152 Resp: 15177
Ion Ratio Lower Upper
152 100
150 162.2 123.0 184.4
115 57.3 47.4 71.2



#5
2-Fluorophenol
Concen: 159.068 ng
RT: 5.864 min Scan# 396
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:112 Resp: 138961
Ion Ratio Lower Upper
112 100
64 62.2 47.8 71.6
63 33.0 27.8 41.8

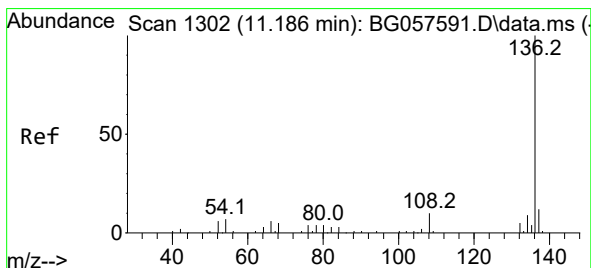
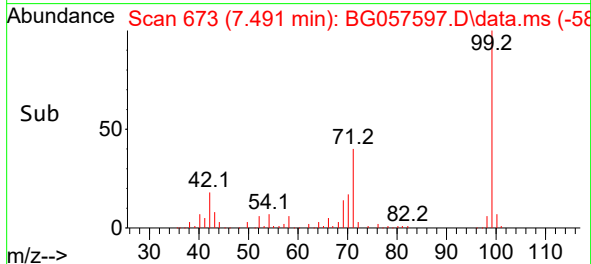
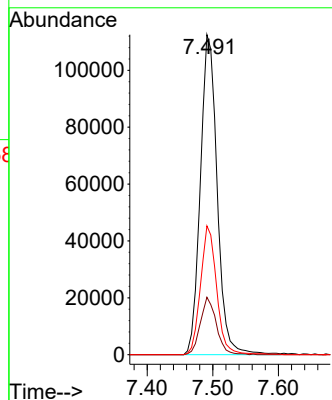
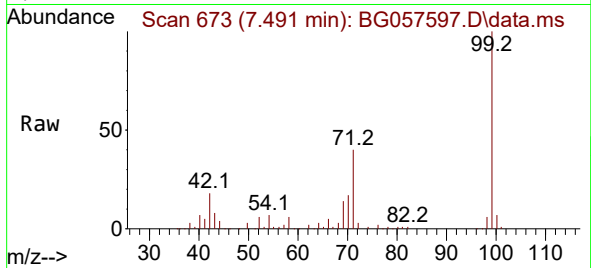




#7
Phenol-d6
Concen: 147.290 ng
RT: 7.491 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

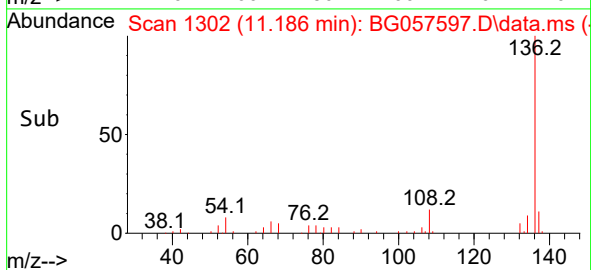
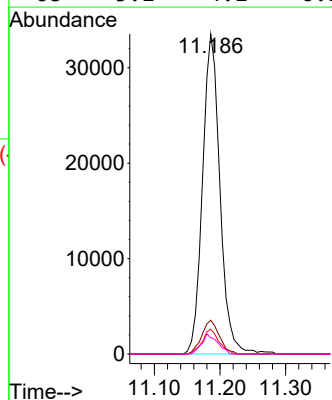
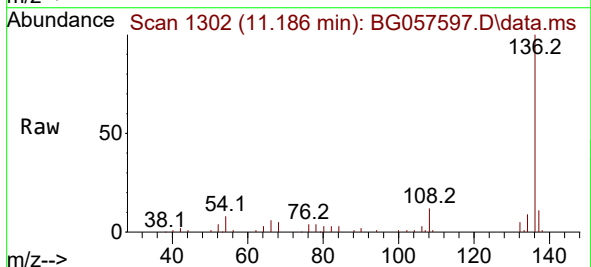
Instrument :
BNA_G
ClientSampleId :
PB153024TB

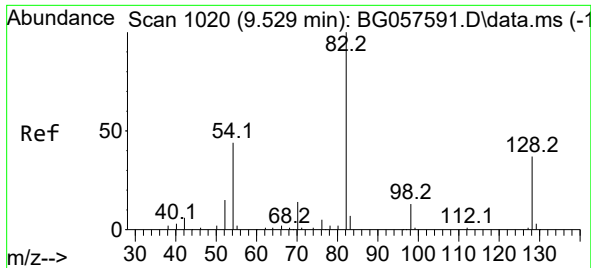
Tgt Ion: 99 Resp: 201369
Ion Ratio Lower Upper
99 100
42 17.9 12.8 19.2
71 40.3 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:136 Resp: 61976
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.8
54 7.7 5.8 8.6
68 5.1 4.1 6.1

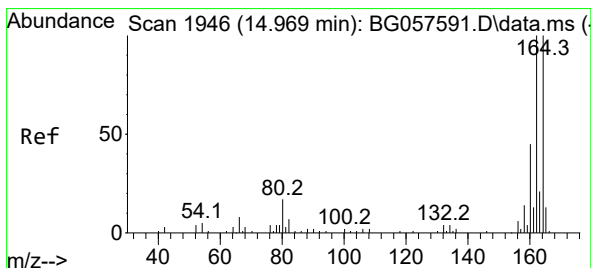
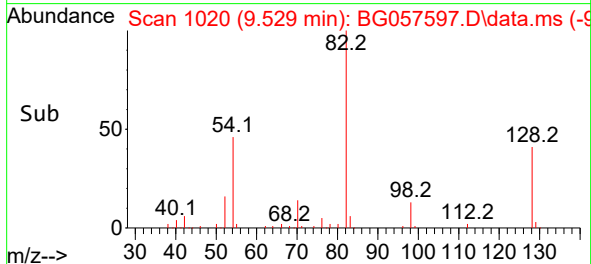
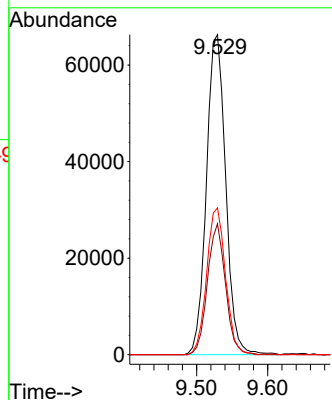
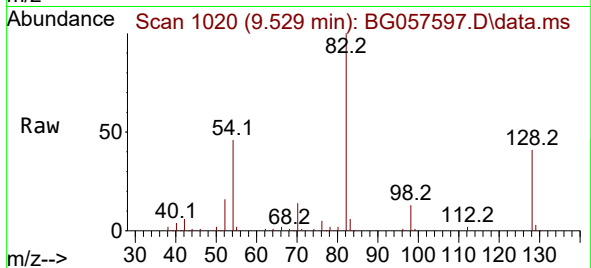




#23
 Nitrobenzene-d5
 Concen: 94.324 ng
 RT: 9.529 min Scan# 1020
 Delta R.T. 0.000 min
 Lab File: BG057597.D
 Acq: 26 May 2023 23:57

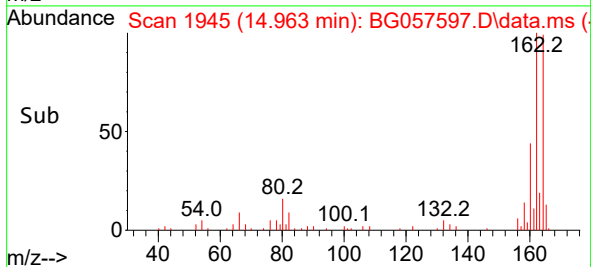
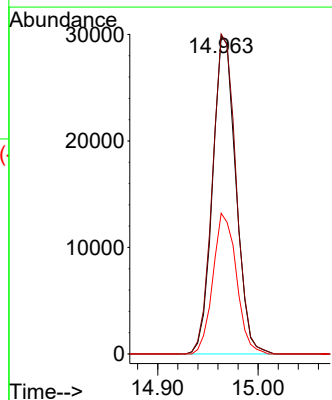
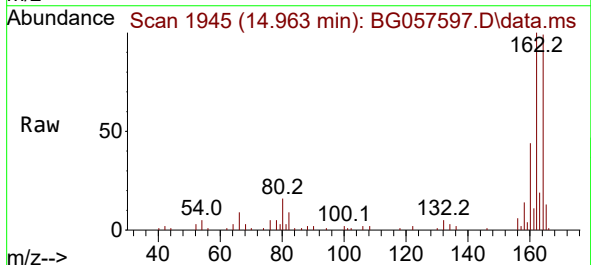
Instrument :
 BNA_G
 ClientSampleId :
 PB153024TB

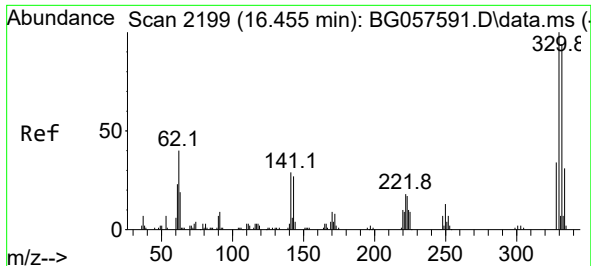
Tgt Ion: 82 Resp: 125055
 Ion Ratio Lower Upper
 82 100
 128 40.9 30.0 45.0
 54 45.9 35.2 52.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.963 min Scan# 1945
 Delta R.T. -0.006 min
 Lab File: BG057597.D
 Acq: 26 May 2023 23:57

Tgt Ion:164 Resp: 47882
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.1 120.1
 160 44.2 35.9 53.9

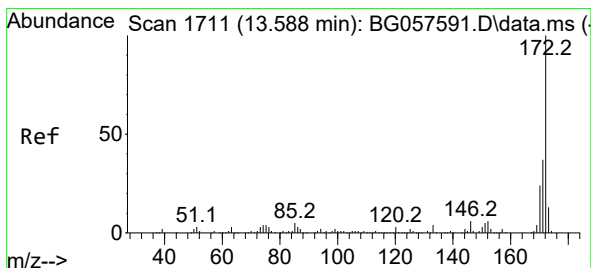
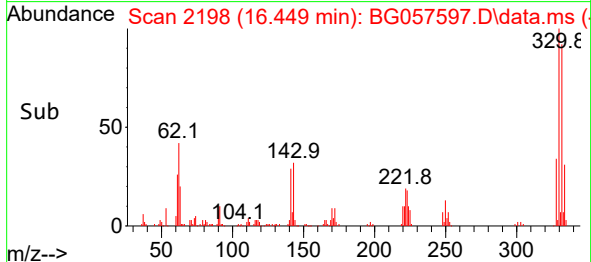
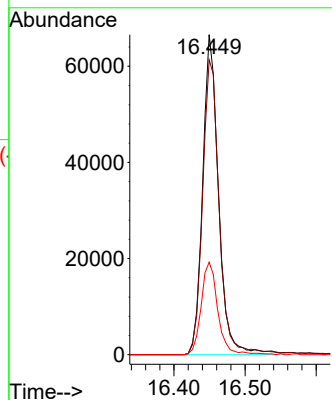
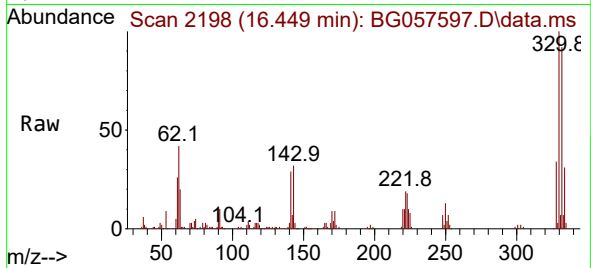




#42
2,4,6-Tribromophenol
Concen: 135.399 ng
RT: 16.449 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

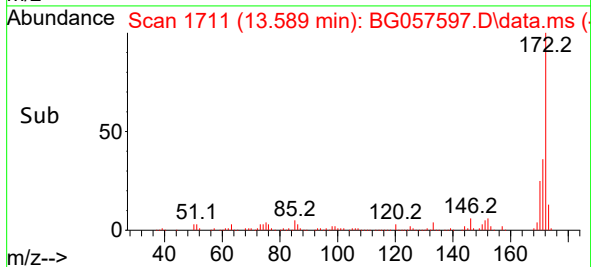
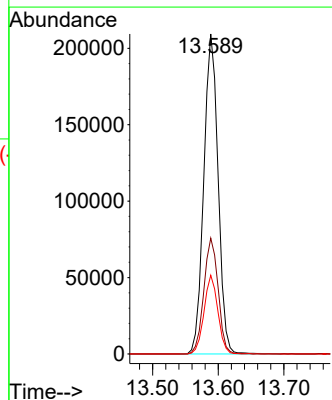
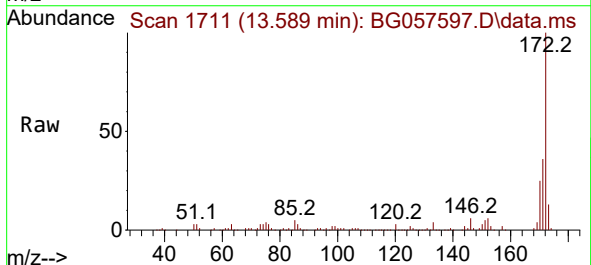
Instrument :
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ClientSampleId :
PB153024TB

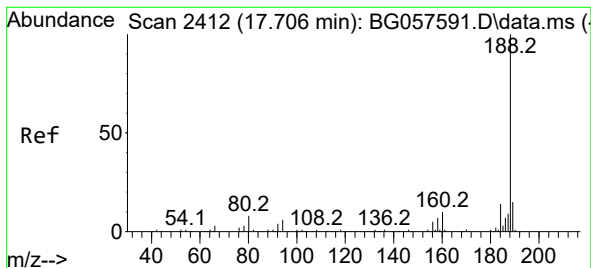
Tgt Ion:330 Resp: 103797
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 30.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 95.536 ng
RT: 13.589 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BG057597.D
Acq: 26 May 2023 23:57

Tgt Ion:172 Resp: 318308
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 24.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.707 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BG057597.D

Acq: 26 May 2023 23:57

Instrument :

BNA_G

ClientSampleId :

PB153024TB

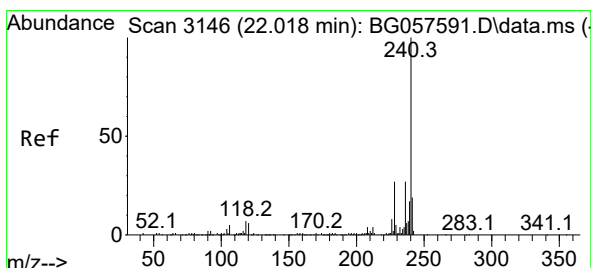
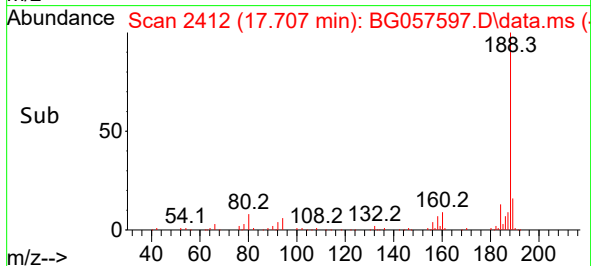
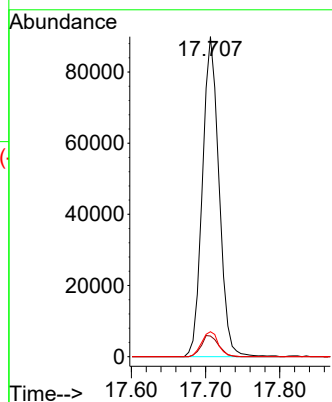
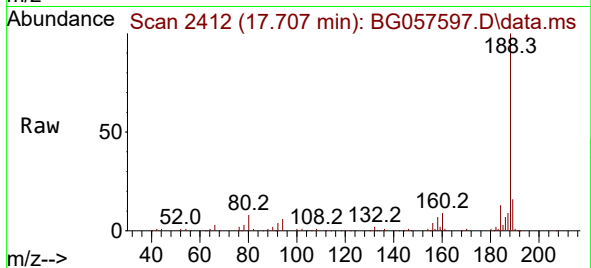
Tgt Ion:188 Resp: 139581

Ion Ratio Lower Upper

188 100

94 6.4 5.2 7.8

80 7.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG057597.D

Acq: 26 May 2023 23:57

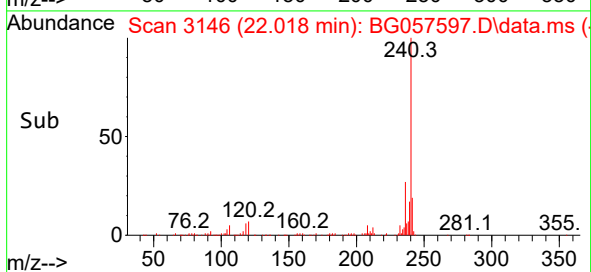
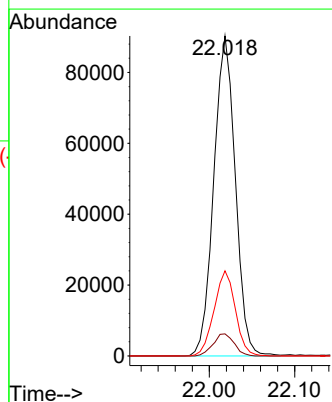
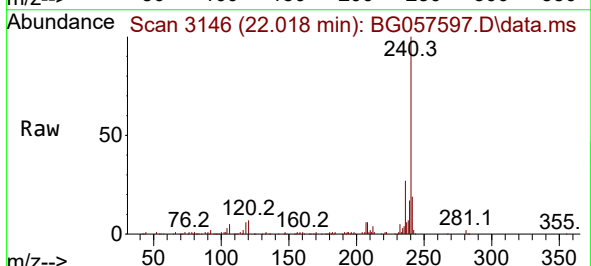
Tgt Ion:240 Resp: 158169

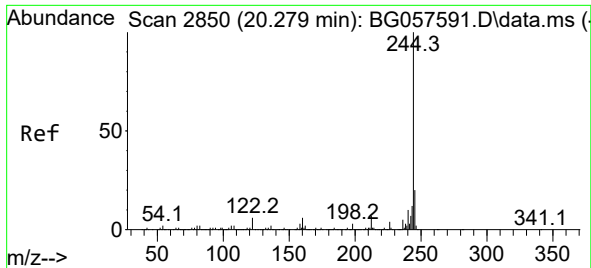
Ion Ratio Lower Upper

240 100

120 6.9 5.2 7.8

236 26.6 21.4 32.0

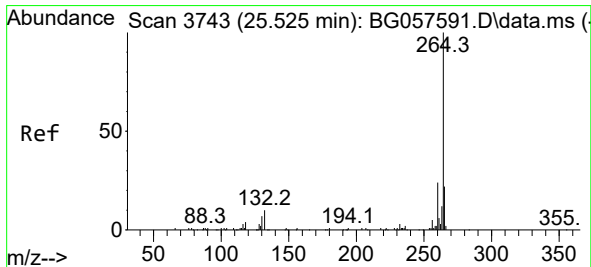
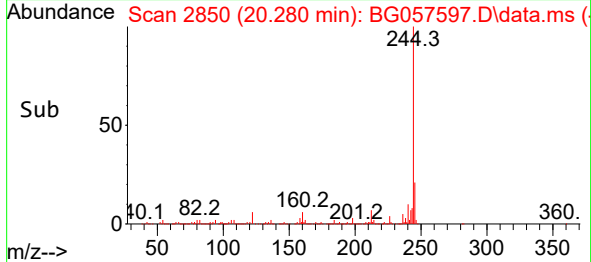
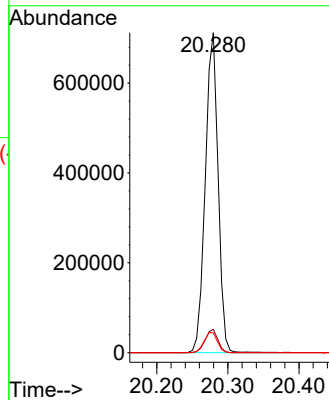
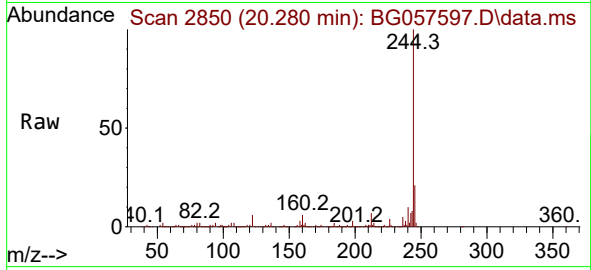




#79
 Terphenyl-d14
 Concen: 97.793 ng
 RT: 20.280 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057597.D
 Acq: 26 May 2023 23:57

Instrument :
 BNA_G
 ClientSampleId :
 PB153024TB

Tgt Ion:244 Resp: 892945
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.2 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.519 min Scan# 3742
 Delta R.T. -0.006 min
 Lab File: BG057597.D
 Acq: 26 May 2023 23:57

Tgt Ion:264 Resp: 168306
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.1 28.7
 265 22.1 17.7 26.5

