

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057768.D
 Acq On : 20 Jun 2023 9:17
 Operator : CG/JU
 Sample : PB153526BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153526BL

Quant Time: Jun 20 12:06:31 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	7.929	152	28623	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	126351	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	91005	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	251604	20.000	ng	0.00
76) Chrysene-d12	21.554	240	237486	20.000	ng	0.00
86) Perylene-d12	24.698	264	281958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	282387	152.120	ng	0.00
7) Phenol-d6	7.083	99	395197	139.523	ng	0.00
23) Nitrobenzene-d5	9.086	82	220907	89.732	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	177692	140.170	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	540363	90.060	ng	0.00
79) Terphenyl-d14	19.921	244	1133249	88.979	ng	0.00

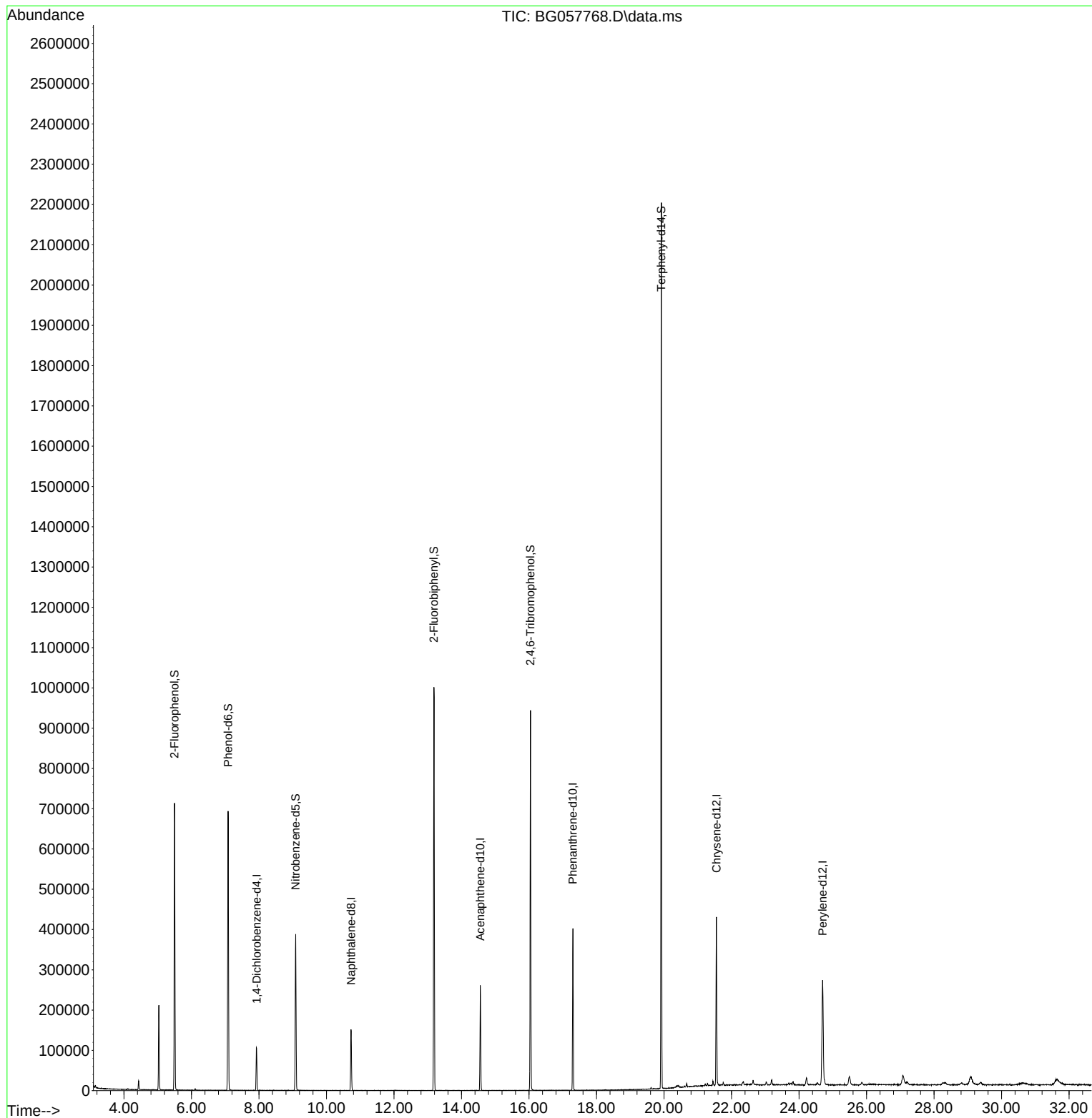
Target Compounds	Qvalue

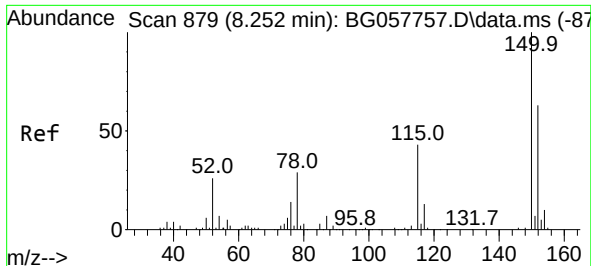
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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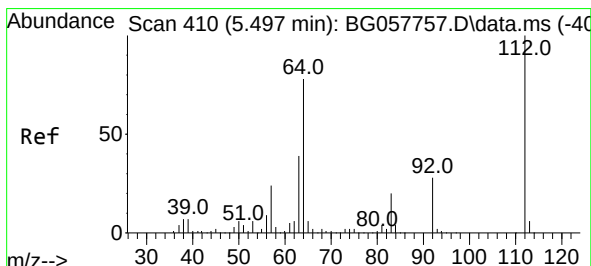
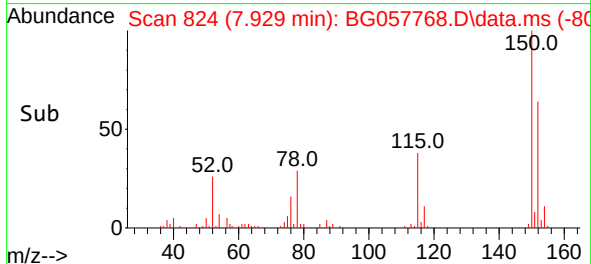
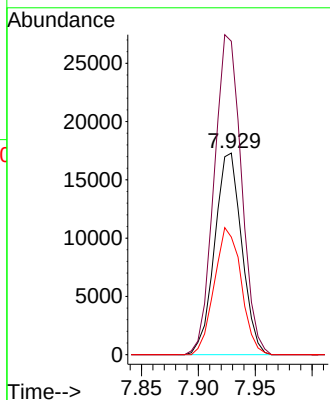
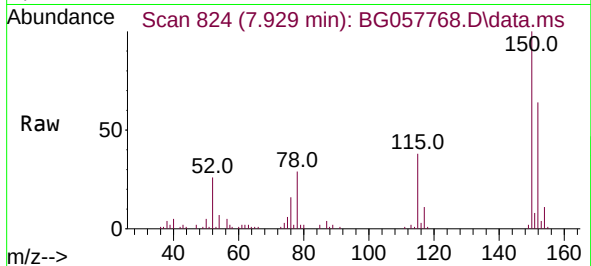




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057768.D
Acq: 20 Jun 2023 9:17

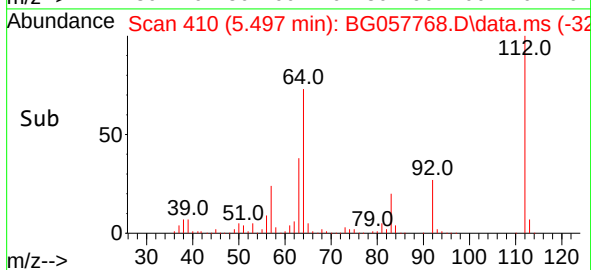
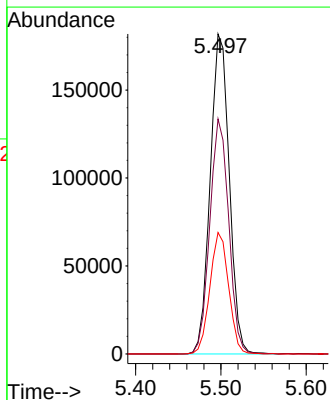
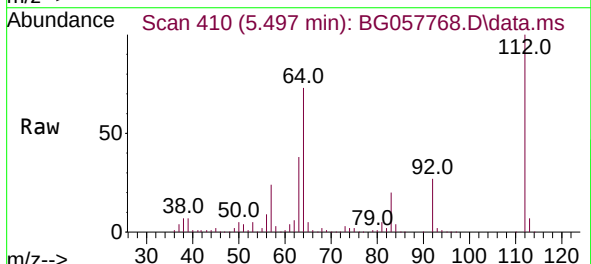
Instrument :
BNA_G
ClientSampleId :
PB153526BL

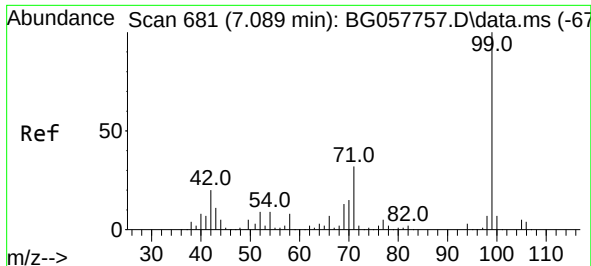
Tgt Ion:152 Resp: 28623
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 58.3 48.9 73.3



#5
2-Fluorophenol
Concen: 152.120 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG057768.D
Acq: 20 Jun 2023 9:17

Tgt Ion:112 Resp: 282387
Ion Ratio Lower Upper
112 100
64 73.5 62.1 93.1
63 38.0 31.5 47.3

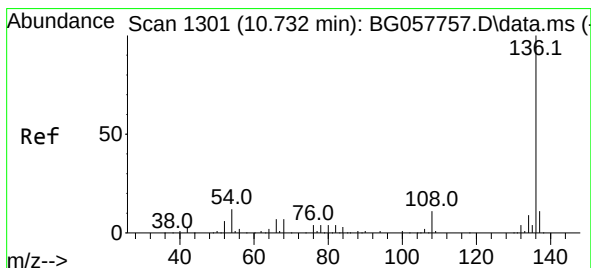
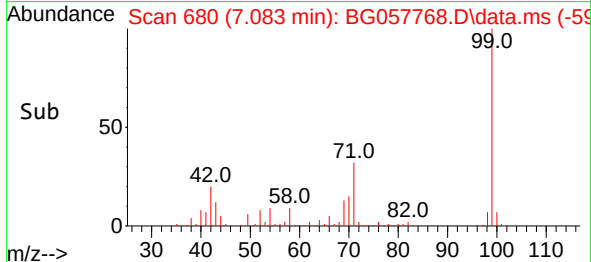
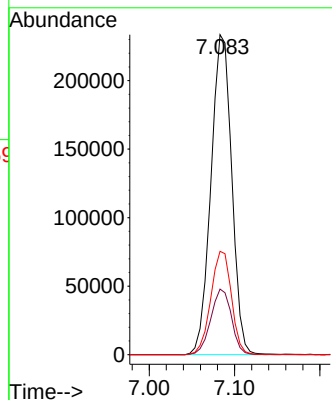
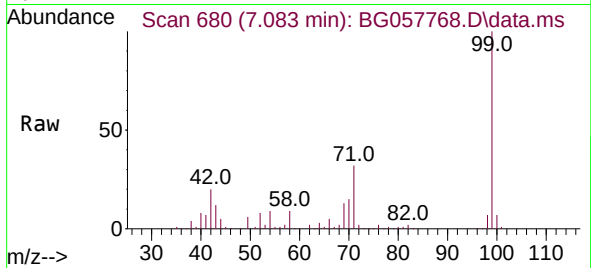




#7
Phenol-d6
Concen: 139.523 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057768.D
Acq: 20 Jun 2023 9:17

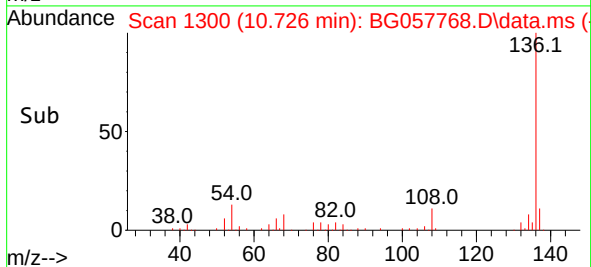
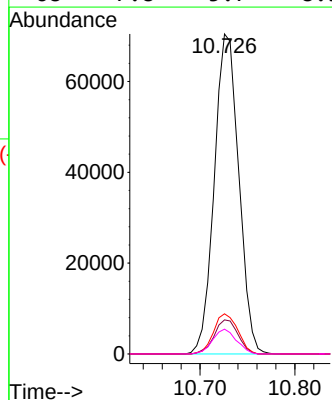
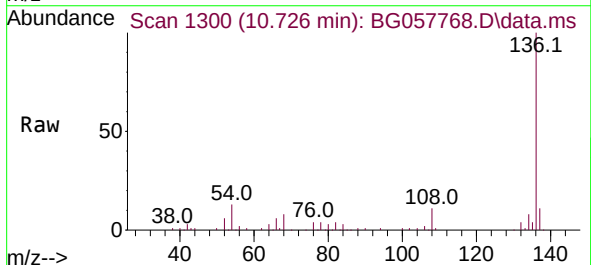
Instrument :
BNA_G
ClientSampleId :
PB153526BL

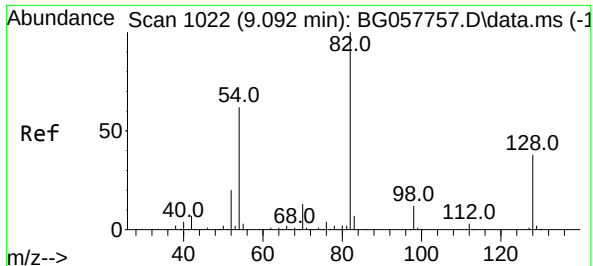
Tgt Ion: 99 Resp: 395197
Ion Ratio Lower Upper
99 100
42 20.5 16.4 24.6
71 32.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057768.D
Acq: 20 Jun 2023 9:17

Tgt Ion: 136 Resp: 126351
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 12.6 9.5 14.3
68 7.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 89.732 ng

RT: 9.086 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057768.D

Acq: 20 Jun 2023 9:17

Instrument :

BNA_G

ClientSampleId :

PB153526BL

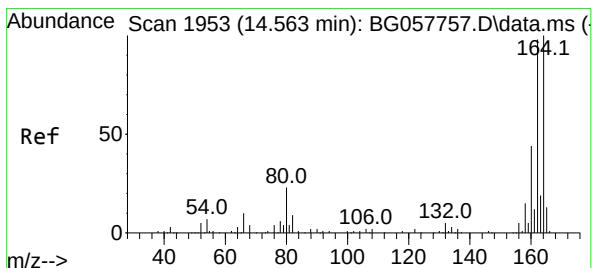
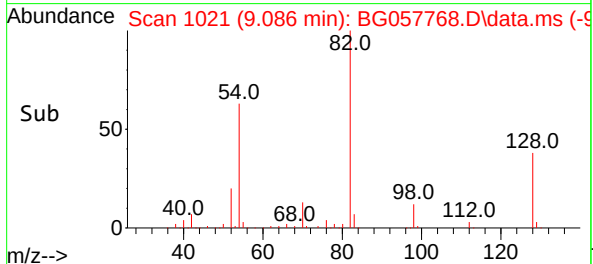
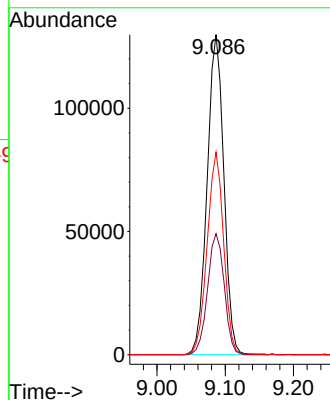
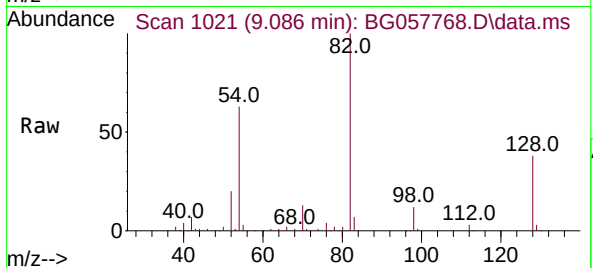
Tgt Ion: 82 Resp: 220907

Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

54 63.3 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057768.D

Acq: 20 Jun 2023 9:17

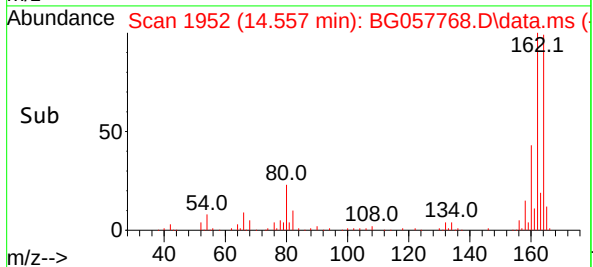
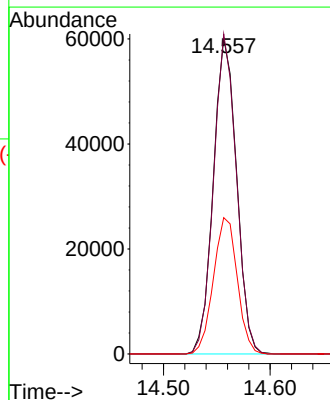
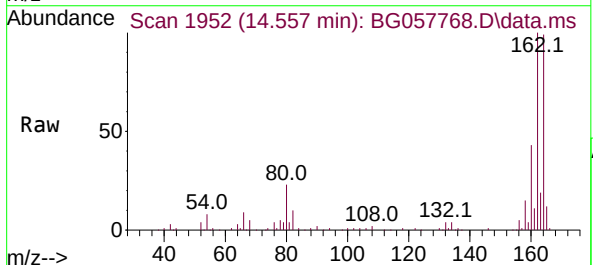
Tgt Ion:164 Resp: 91005

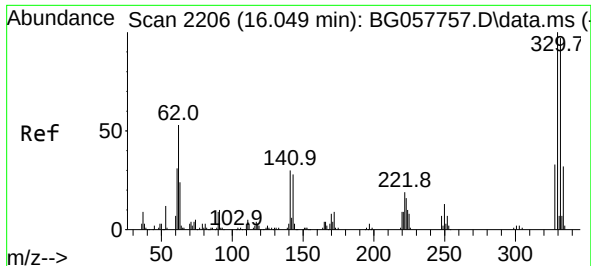
Ion Ratio Lower Upper

164 100

162 101.4 78.3 117.5

160 43.2 35.4 53.0

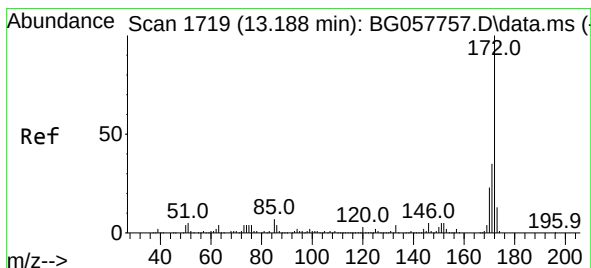
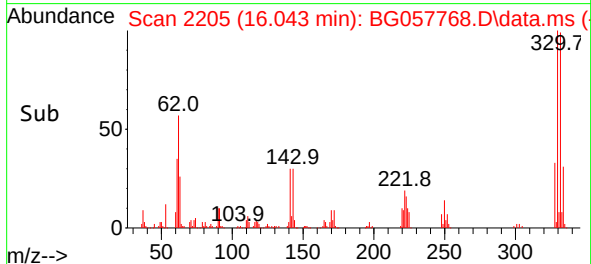
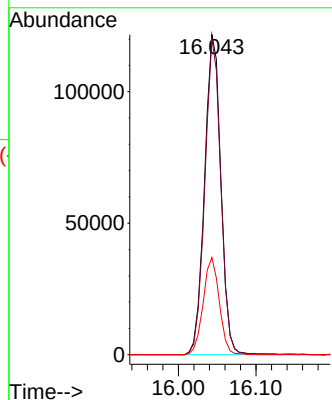
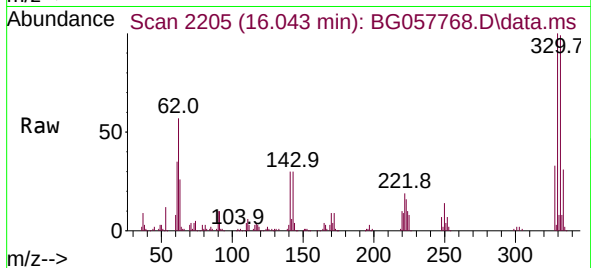




#42
 2,4,6-Tribromophenol
 Concen: 140.170 ng
 RT: 16.043 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057768.D
 Acq: 20 Jun 2023 9:17

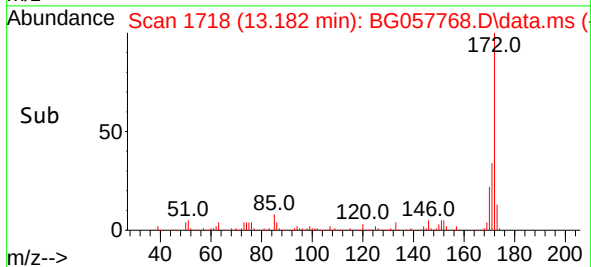
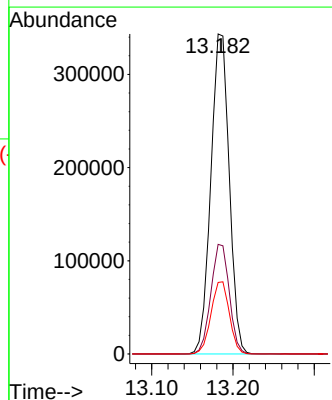
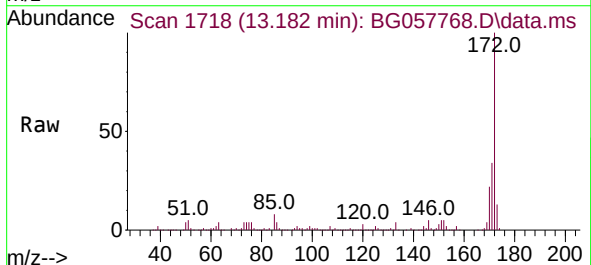
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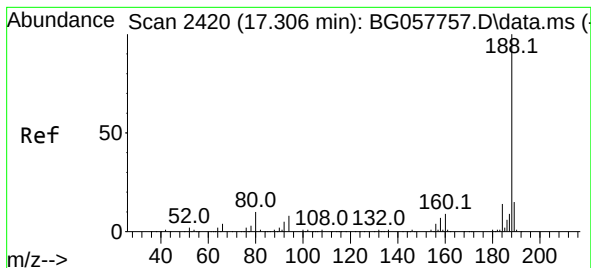
Tgt Ion:330 Resp: 177692
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 29.9 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 90.060 ng
 RT: 13.182 min Scan# 1718
 Delta R.T. -0.006 min
 Lab File: BG057768.D
 Acq: 20 Jun 2023 9:17

Tgt Ion:172 Resp: 540363
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.1 42.1
 170 22.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057768.D

Acq: 20 Jun 2023 9:17

Instrument :

BNA_G

ClientSampleId :

PB153526BL

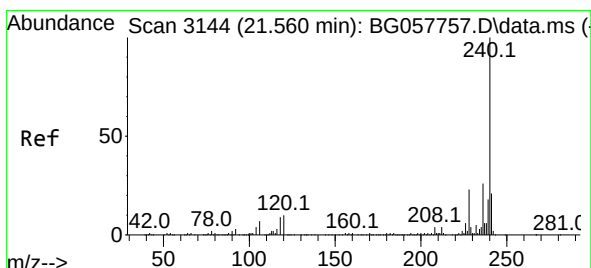
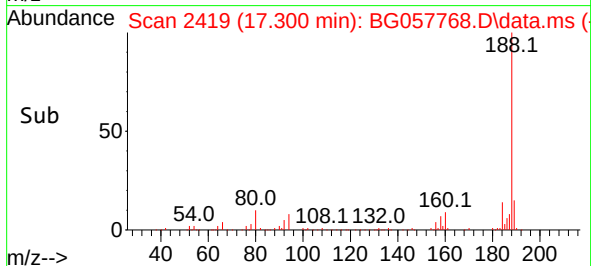
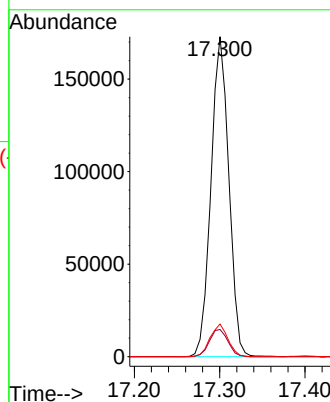
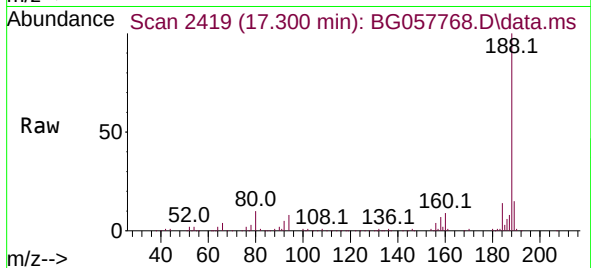
Tgt Ion:188 Resp: 251604

Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

80 10.2 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.554 min Scan# 3143

Delta R.T. -0.006 min

Lab File: BG057768.D

Acq: 20 Jun 2023 9:17

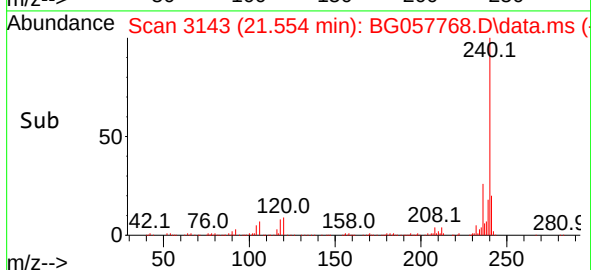
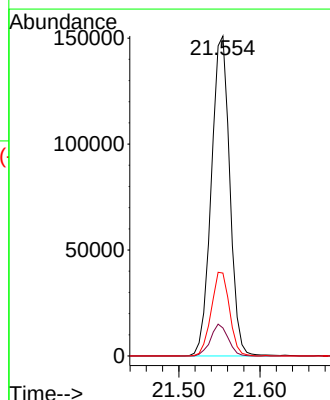
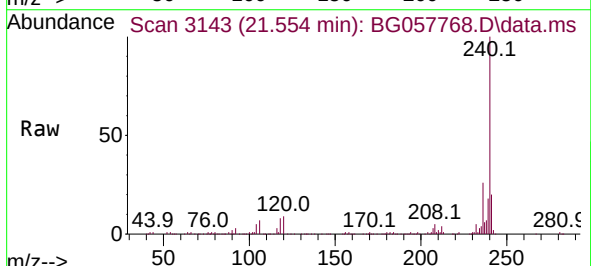
Tgt Ion:240 Resp: 237486

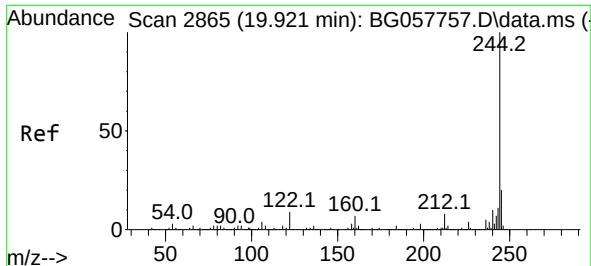
Ion Ratio Lower Upper

240 100

120 8.7 8.1 12.1

236 25.9 20.6 30.8

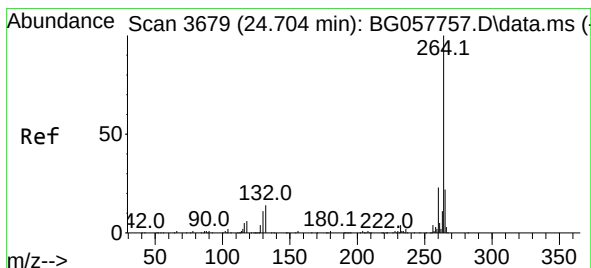
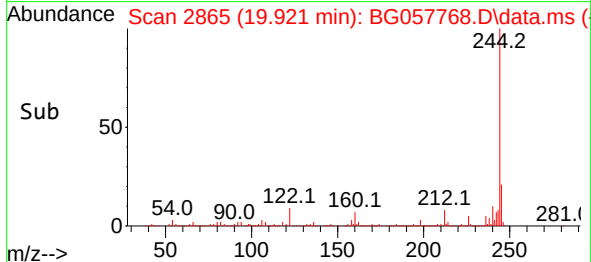
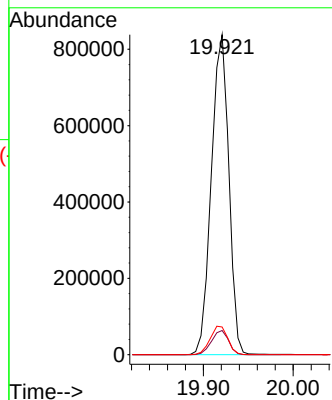
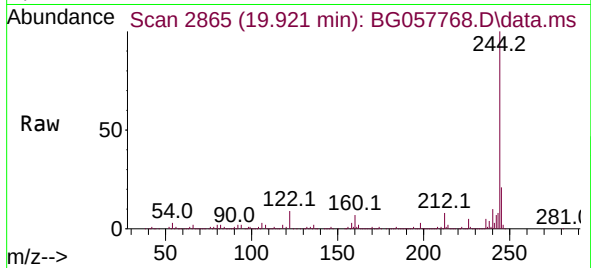




#79
 Terphenyl-d14
 Concen: 88.979 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG057768.D
 Acq: 20 Jun 2023 9:17

Instrument :
 BNA_G
 ClientSampleId :
 PB153526BL

Tgt Ion:244 Resp: 1133249
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 8.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.698 min Scan# 3678
 Delta R.T. -0.006 min
 Lab File: BG057768.D
 Acq: 20 Jun 2023 9:17

Tgt Ion:264 Resp: 281958
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.9 17.4 26.2

