

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057657.D
 Acq On : 7 Jun 2023 5:16
 Operator : CG/JU
 Sample : PB153132BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153132BL

Quant Time: Jun 07 05:53:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	21204	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	94296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.958	164	74059	20.000	ng	0.00
64) Phenanthrene-d10	17.696	188	187371	20.000	ng	0.00
76) Chrysene-d12	22.002	240	173630	20.000	ng	0.00
86) Perylene-d12	25.491	264	180957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.859	112	227032	186.014	ng	0.00
7) Phenol-d6	7.486	99	331754	173.686	ng	0.00
23) Nitrobenzene-d5	9.518	82	206663	102.451	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	160039	134.974	ng	0.00
45) 2-Fluorobiphenyl	13.578	172	537923	104.384	ng	0.00
79) Terphenyl-d14	20.263	244	1066259	106.375	ng	0.00

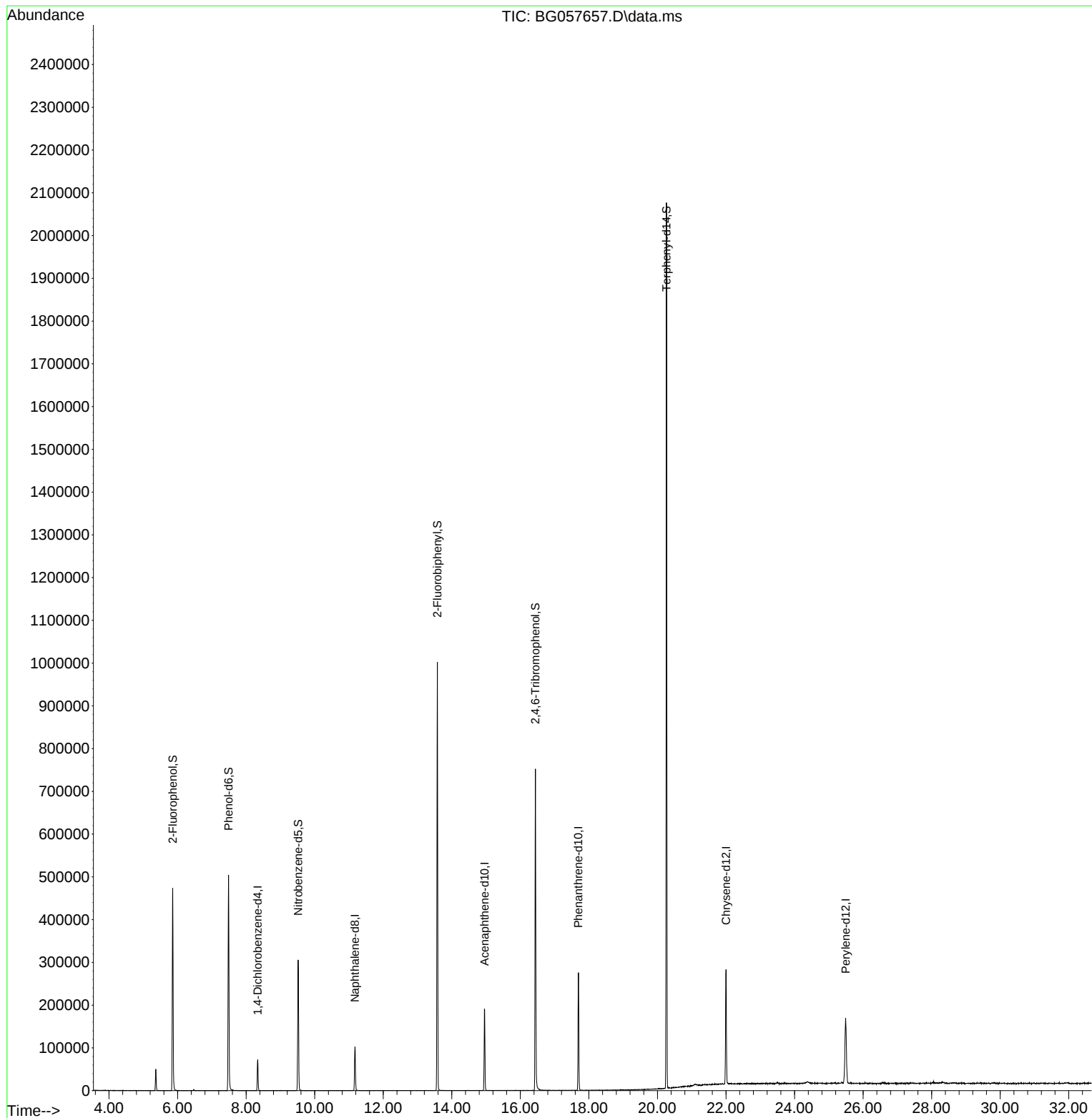
Target Compounds	Qvalue

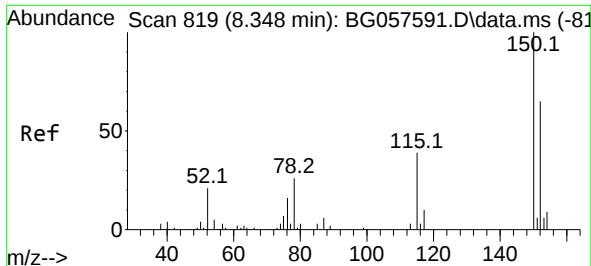
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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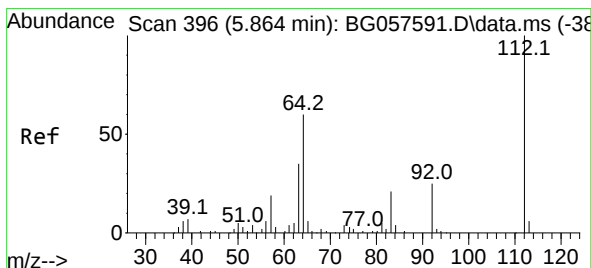
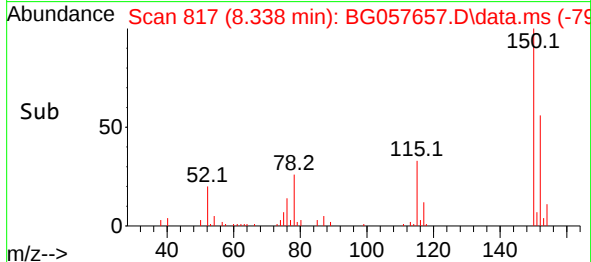
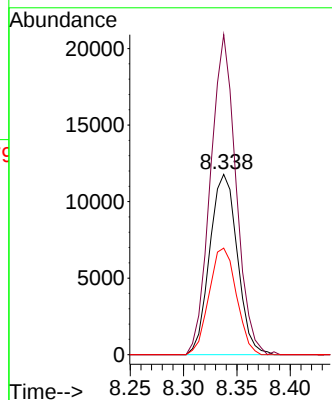
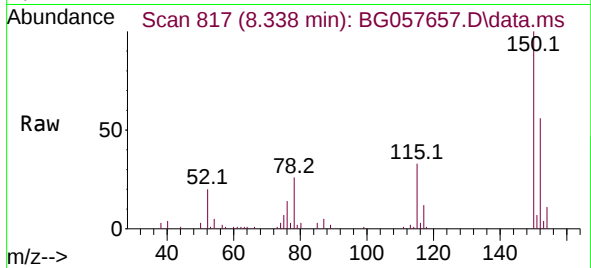




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 819
Delta R.T. 0.004 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

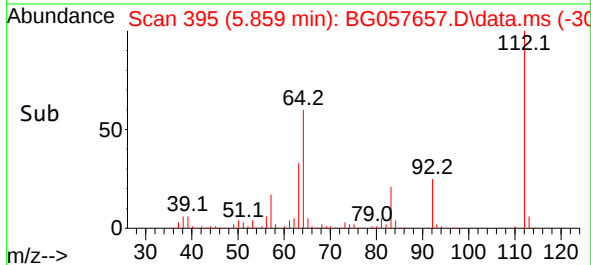
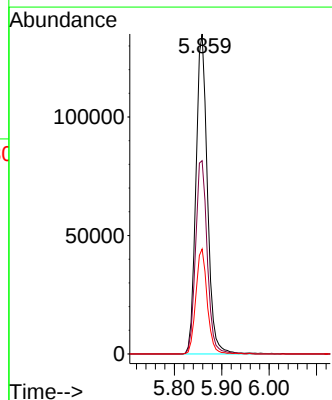
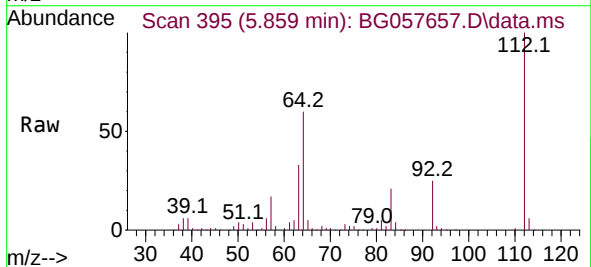
Instrument :
BNA_G
ClientSampleId :
PB153132BL

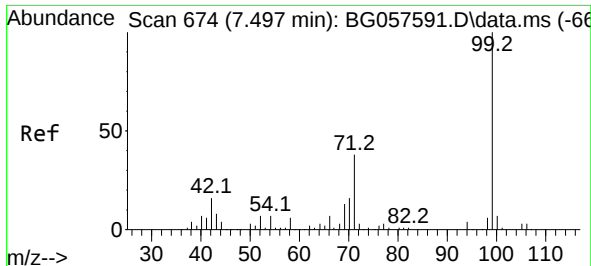
Tgt Ion:152 Resp: 21204
Ion Ratio Lower Upper
152 100
150 177.4 123.0 184.4
115 59.0 47.4 71.2



#5
2-Fluorophenol
Concen: 186.014 ng
RT: 5.859 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:112 Resp: 227032
Ion Ratio Lower Upper
112 100
64 60.4 47.8 71.6
63 32.8 27.8 41.8

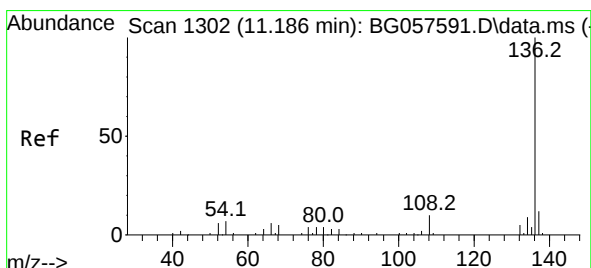
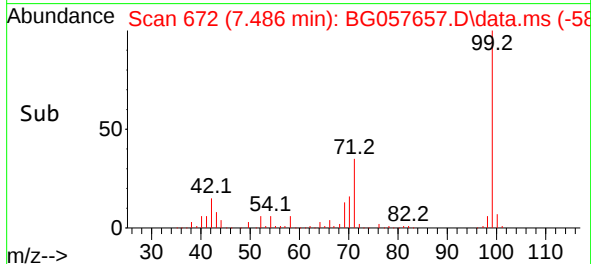
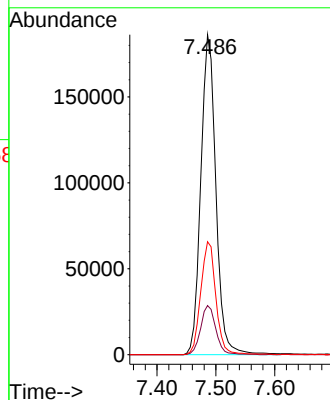
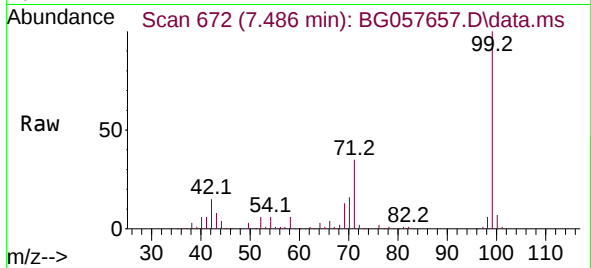




#7
Phenol-d6
Concen: 173.686 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

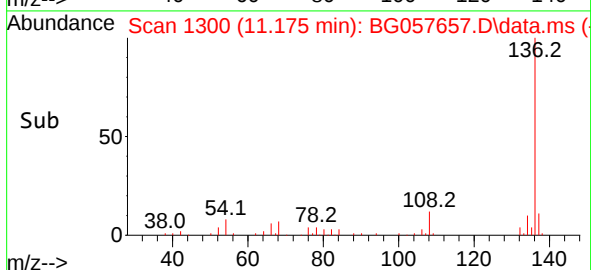
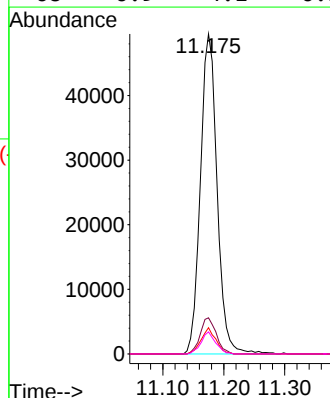
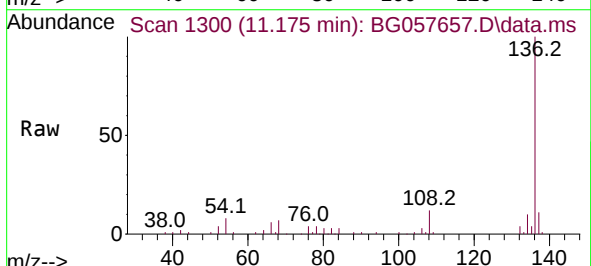
Instrument :
BNA_G
ClientSampleId :
PB153132BL

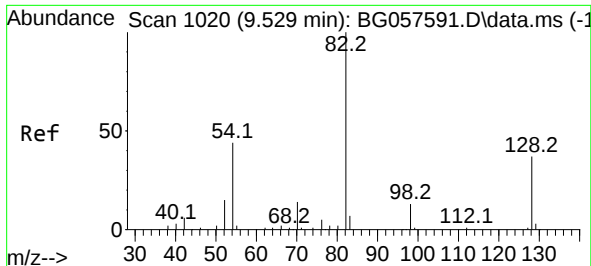
Tgt Ion: 99 Resp: 331754
Ion Ratio Lower Upper
99 100
42 15.3 12.8 19.2
71 35.3 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion: 136 Resp: 94296
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 8.2 5.8 8.6
68 6.9 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 102.451 ng

RT: 9.518 min Scan# 1018

Delta R.T. -0.002 min

Lab File: BG057657.D

Acq: 7 Jun 2023 5:16

Instrument :

BNA_G

ClientSampleId :

PB153132BL

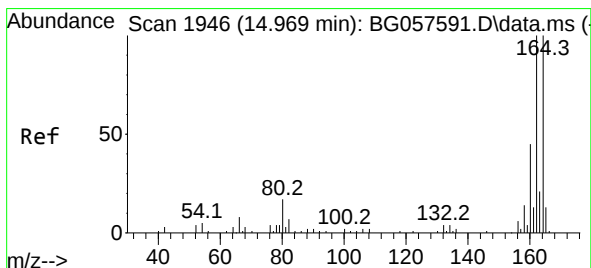
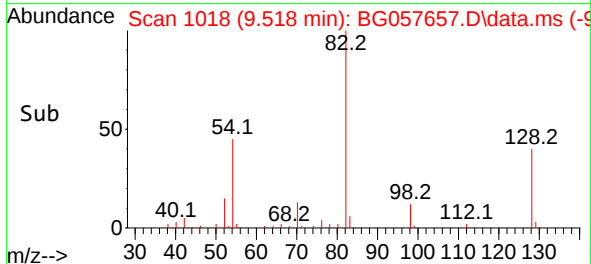
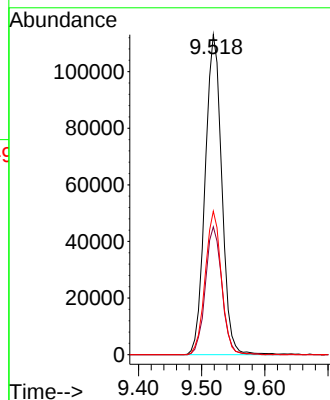
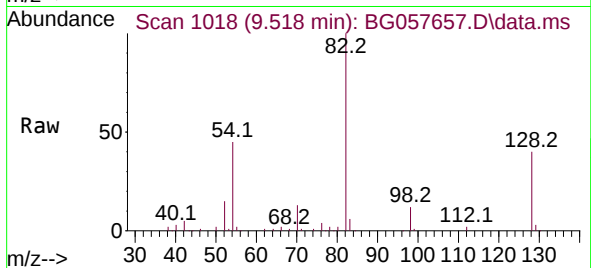
Tgt Ion: 82 Resp: 206663

Ion Ratio Lower Upper

82 100

128 40.0 30.0 45.0

54 44.8 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.958 min Scan# 1944

Delta R.T. -0.002 min

Lab File: BG057657.D

Acq: 7 Jun 2023 5:16

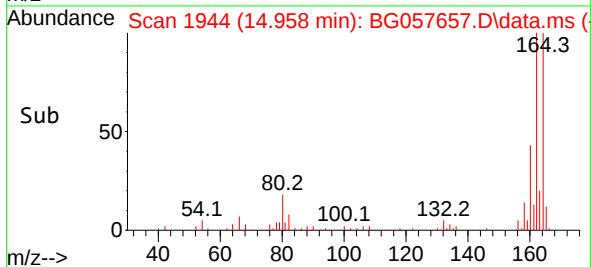
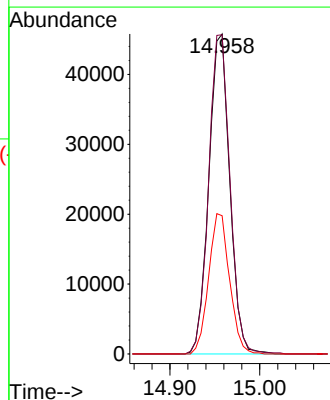
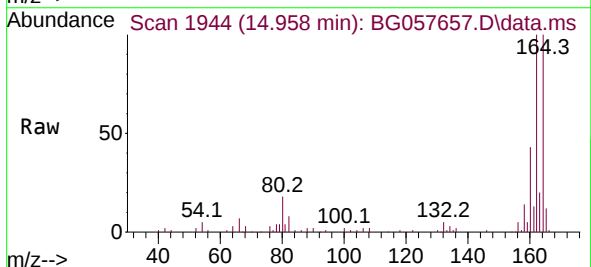
Tgt Ion:164 Resp: 74059

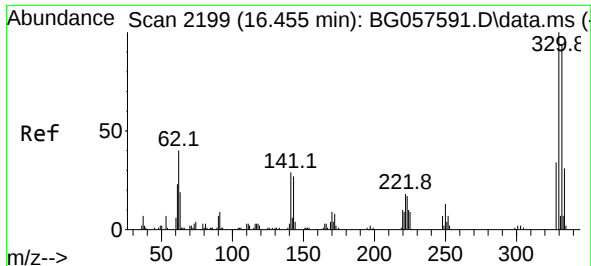
Ion Ratio Lower Upper

164 100

162 99.8 80.1 120.1

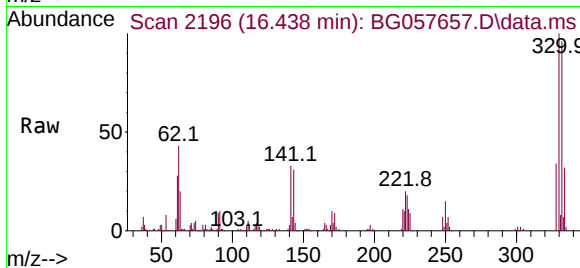
160 43.2 35.9 53.9



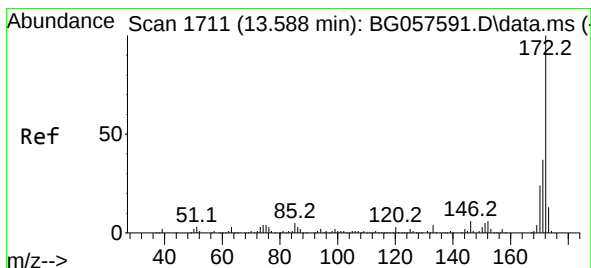
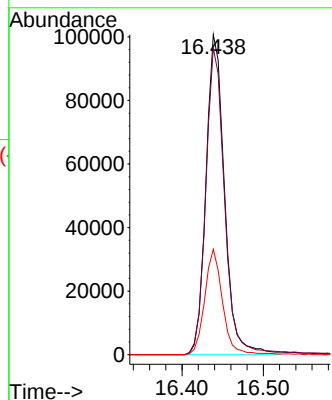
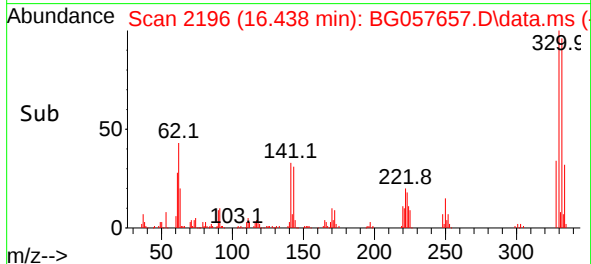


#42
2,4,6-Tribromophenol
Concen: 134.974 ng
RT: 16.438 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

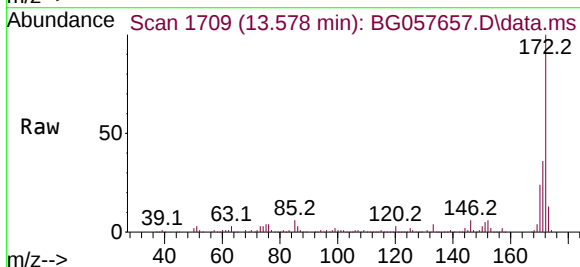
Instrument :
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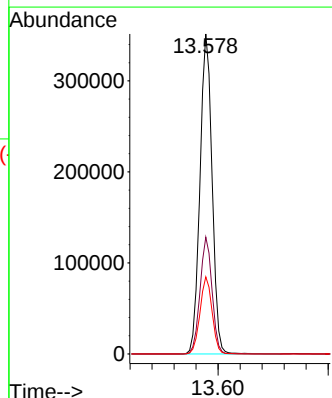
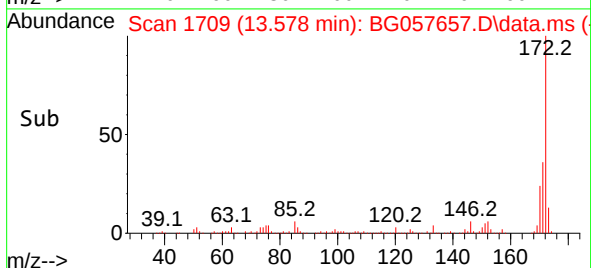
Tgt Ion:330 Resp: 160039
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 31.6 24.6 37.0

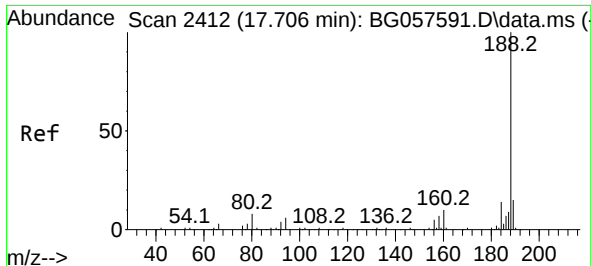


#45
2-Fluorobiphenyl
Concen: 104.384 ng
RT: 13.578 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16



Tgt Ion:172 Resp: 537923
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.1 19.0 28.4

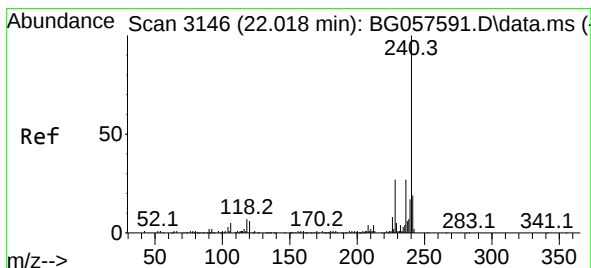
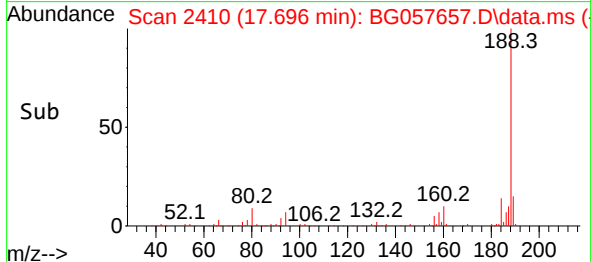
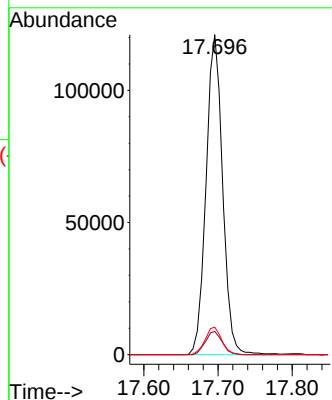
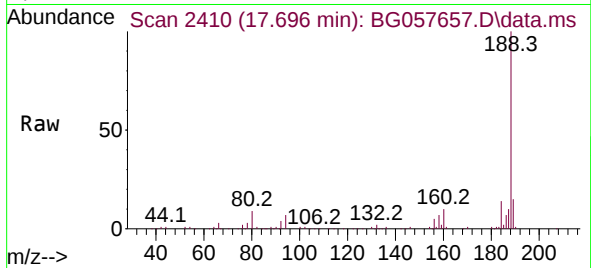




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.696 min Scan# 2412
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

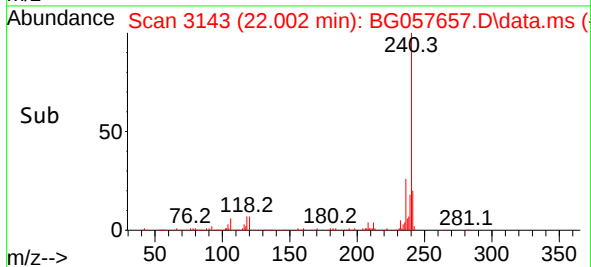
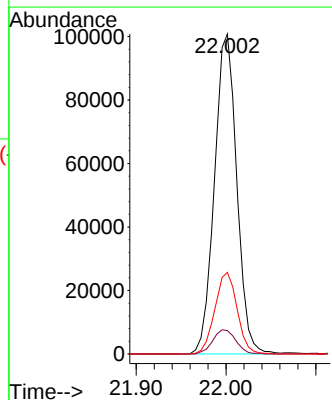
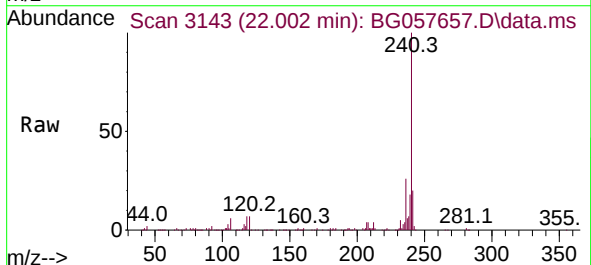
Instrument :
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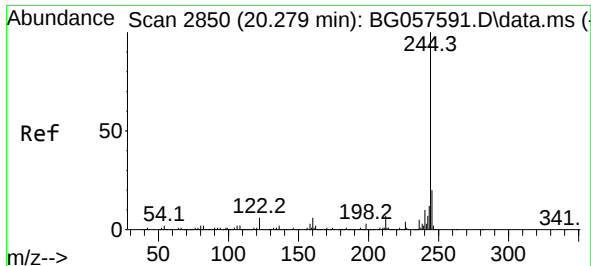
Tgt Ion:188 Resp: 187371
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 8.6 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.002 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057657.D
Acq: 7 Jun 2023 5:16

Tgt Ion:240 Resp: 173630
Ion Ratio Lower Upper
240 100
120 7.3 5.2 7.8
236 25.5 21.4 32.0

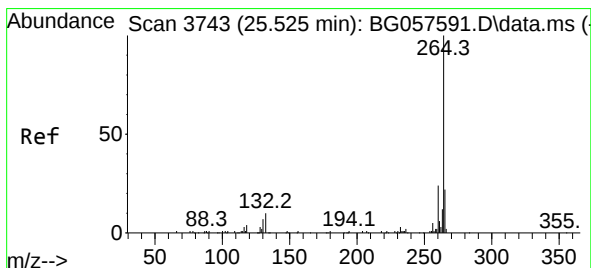
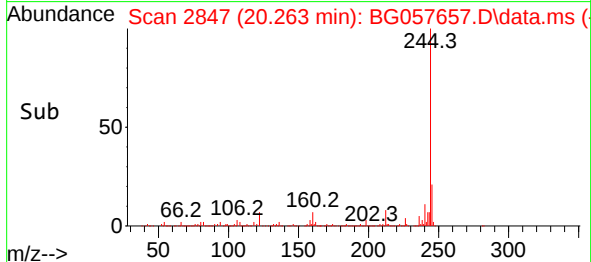
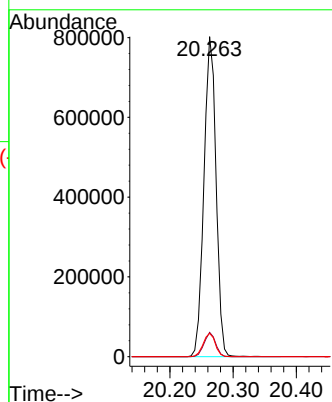
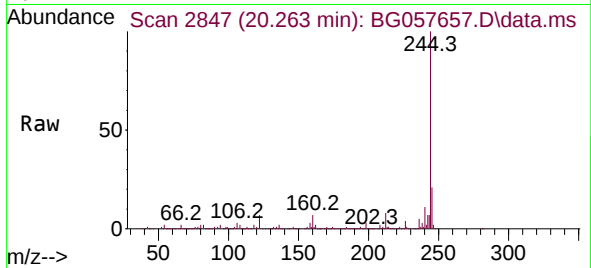




#79
 Terphenyl-d14
 Concen: 106.375 ng
 RT: 20.263 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057657.D
 Acq: 7 Jun 2023 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PB153132BL

Tgt Ion:244 Resp: 1066259
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.6 8.4
 122 7.3 4.8 7.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 3737
 Delta R.T. -0.008 min
 Lab File: BG057657.D
 Acq: 7 Jun 2023 5:16

Tgt Ion:264 Resp: 180957
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.9 17.7 26.5

