

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057813.D
 Acq On : 22 Jun 2023 17:14
 Operator : CG/JU
 Sample : 03238-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Quant Time: Jun 22 17:52:23 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	7.923	152	27752	20.000	ng	0.00
21) Naphthalene-d8	10.720	136	129160	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	99129	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	255584	20.000	ng	0.00
76) Chrysene-d12	21.549	240	228040	20.000	ng	-0.01
86) Perylene-d12	24.698	264	276515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	139483	77.497	ng	0.00
7) Phenol-d6	7.077	99	147312	53.640	ng	-0.01
23) Nitrobenzene-d5	9.081	82	232241	92.284	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	207972	150.611	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	567233	86.791	ng	0.00
79) Terphenyl-d14	19.915	244	1027651	84.030	ng	0.00

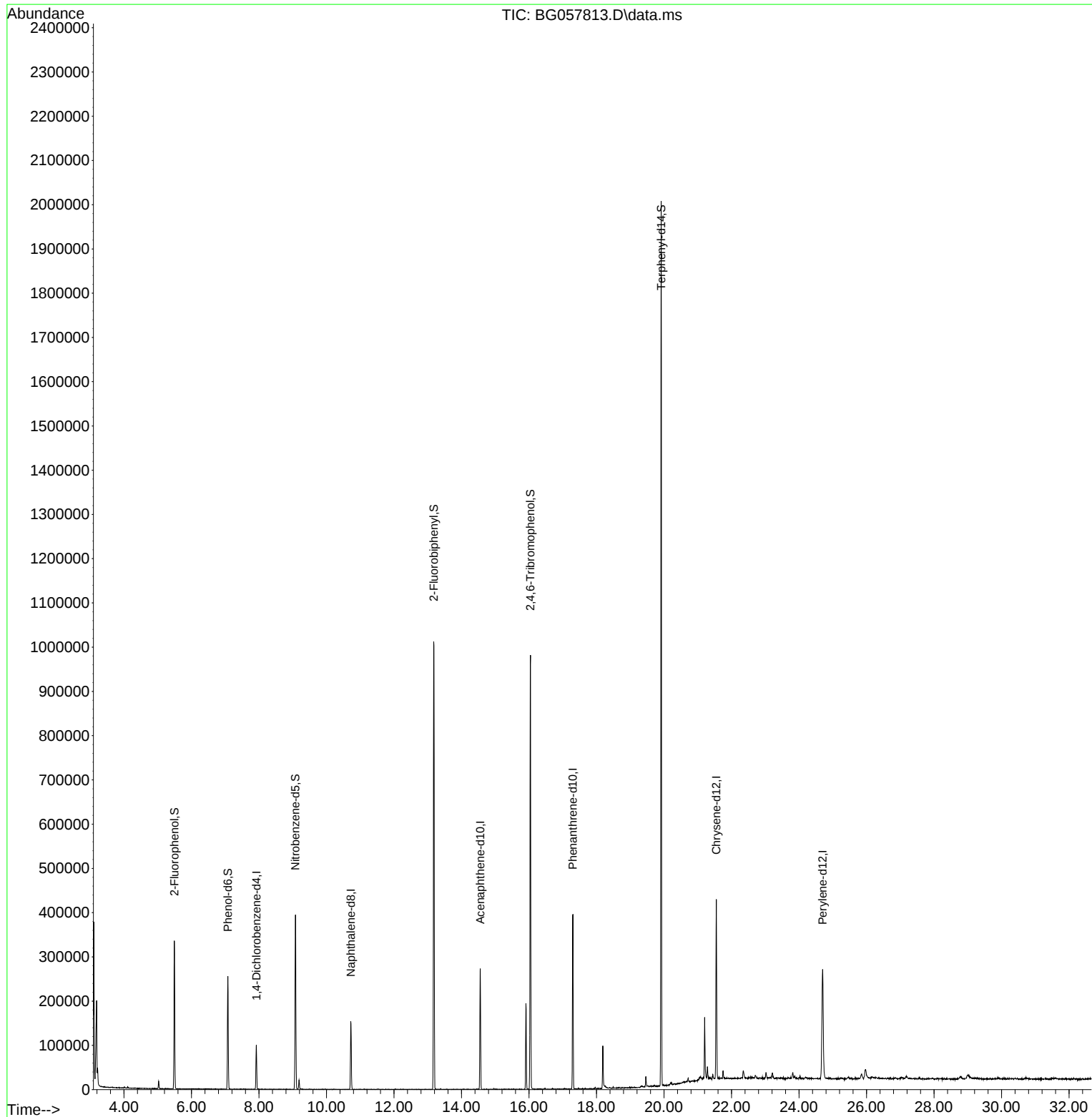
Target Compounds	Qvalue

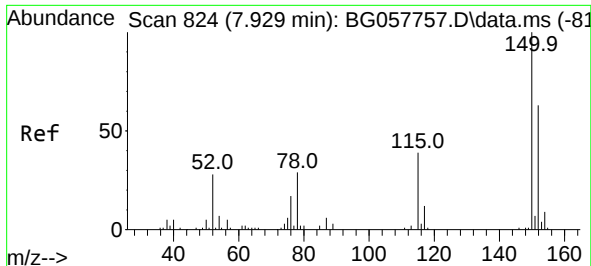
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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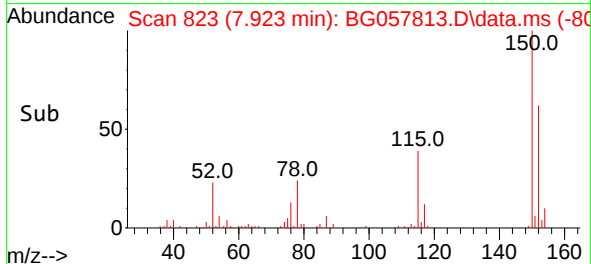
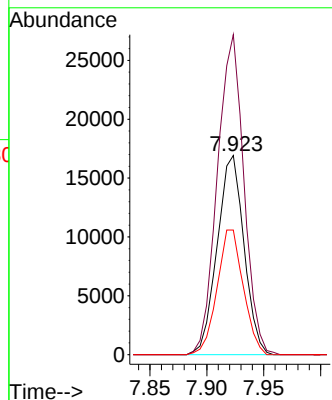
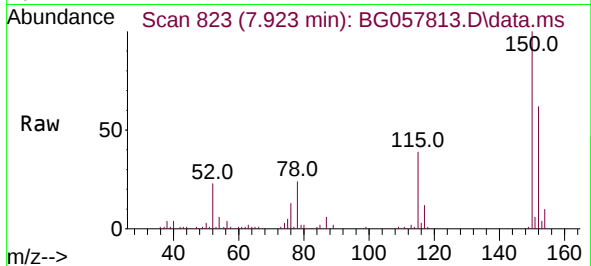




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

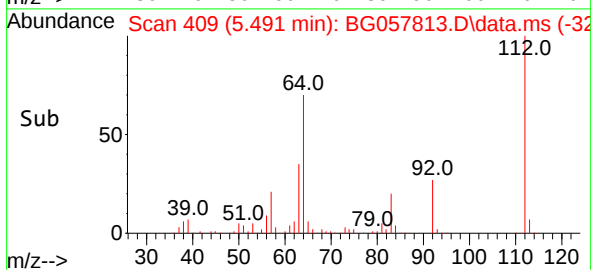
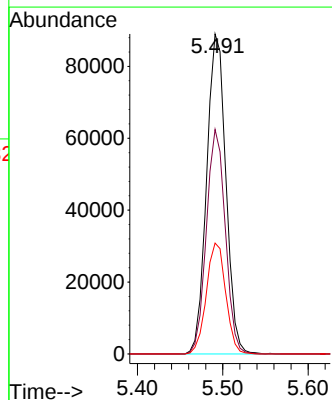
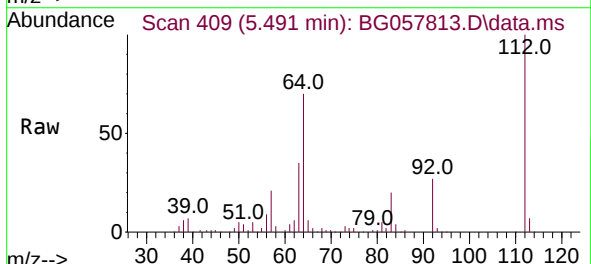
Instrument :
BNA_G
ClientSampleId :
MW-4

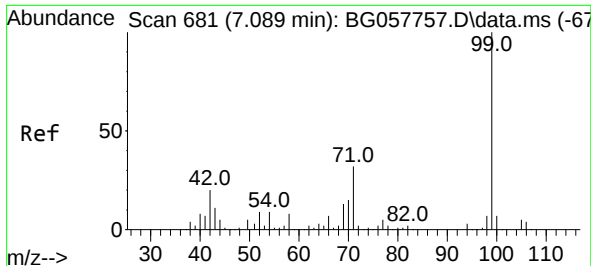
Tgt Ion:152 Resp: 27752
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 62.6 48.9 73.3



#5
2-Fluorophenol
Concen: 77.497 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

Tgt Ion:112 Resp: 139483
Ion Ratio Lower Upper
112 100
64 70.2 62.1 93.1
63 34.7 31.5 47.3

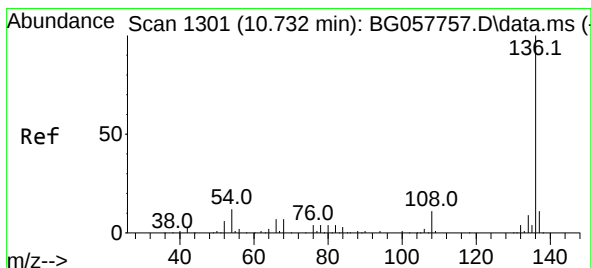
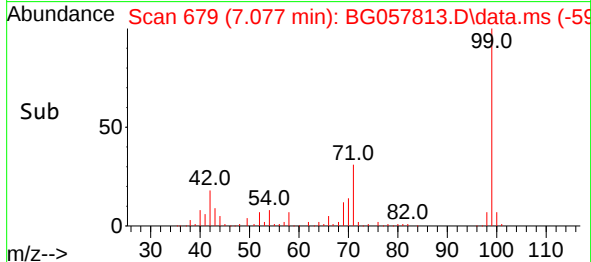
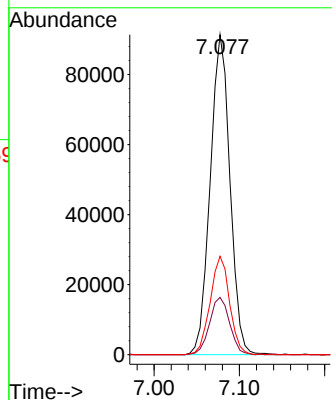
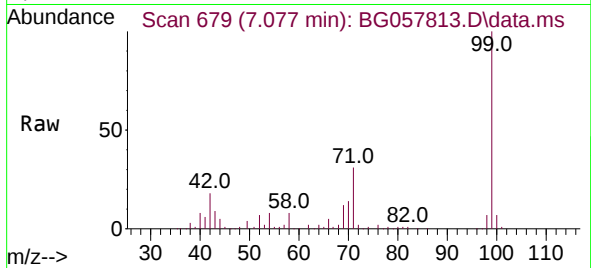




#7
Phenol-d6
Concen: 53.640 ng
RT: 7.077 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

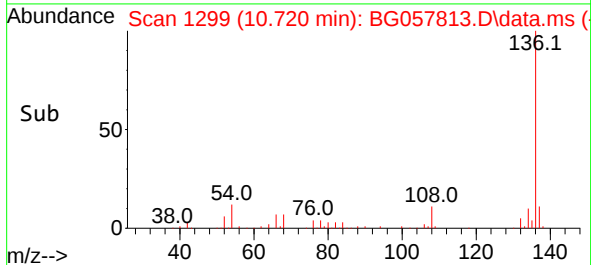
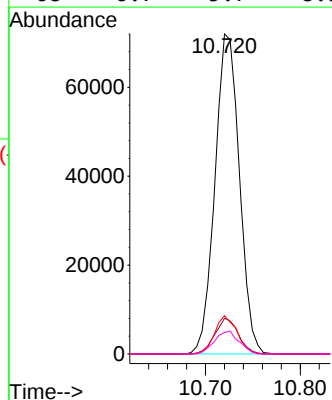
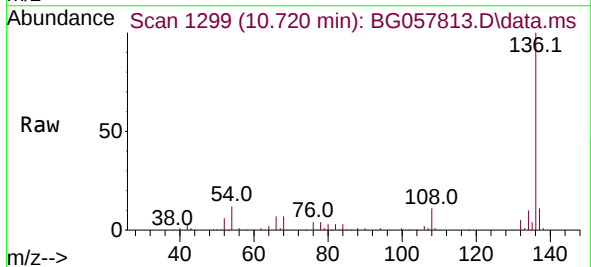
Instrument :
BNA_G
ClientSampleId :
MW-4

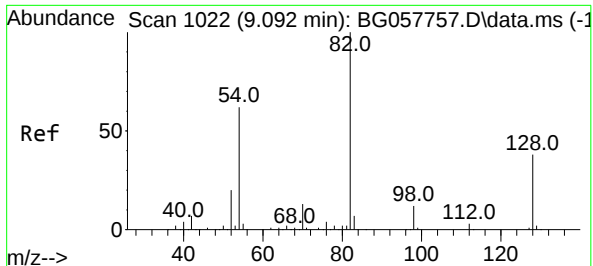
Tgt Ion: 99 Resp: 147312
Ion Ratio Lower Upper
99 100
42 17.9 16.4 24.6
71 30.7 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

Tgt Ion: 136 Resp: 129160
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 12.0 9.5 14.3
68 6.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 92.284 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057813.D

Acq: 22 Jun 2023 17:14

Instrument :

BNA_G

ClientSampleId :

MW-4

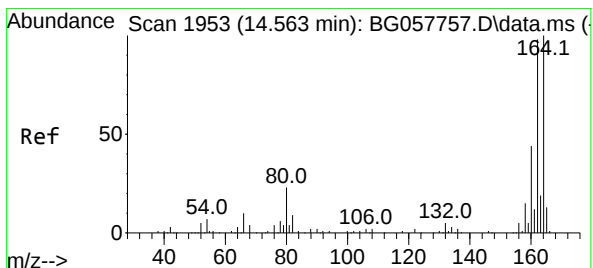
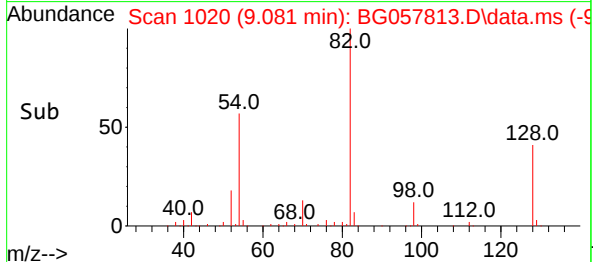
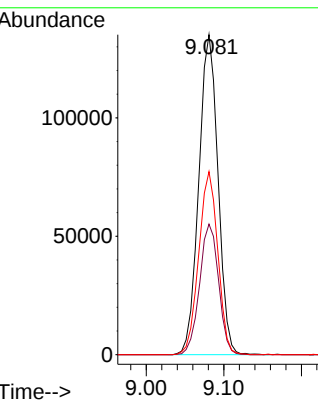
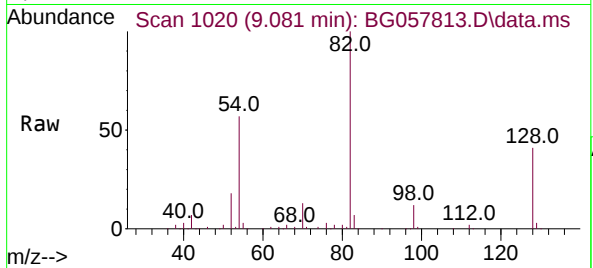
Tgt Ion: 82 Resp: 232241

Ion Ratio Lower Upper

82 100

128 40.8 30.7 46.1

54 57.2 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: BG057813.D

Acq: 22 Jun 2023 17:14

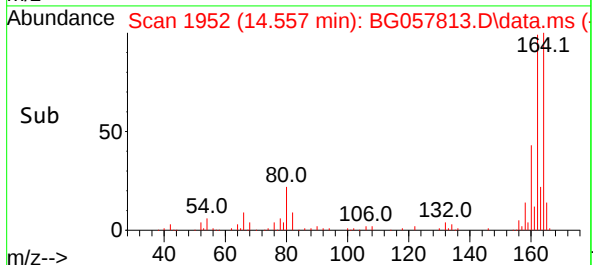
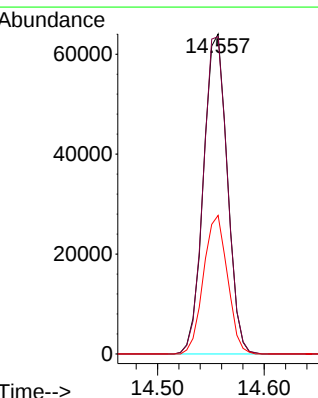
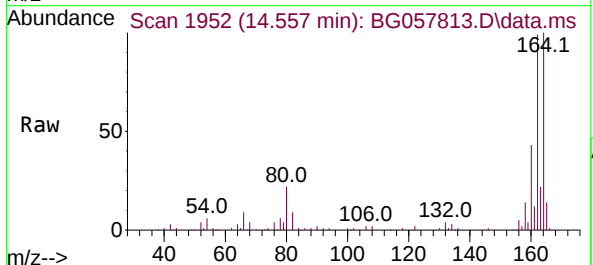
Tgt Ion:164 Resp: 99129

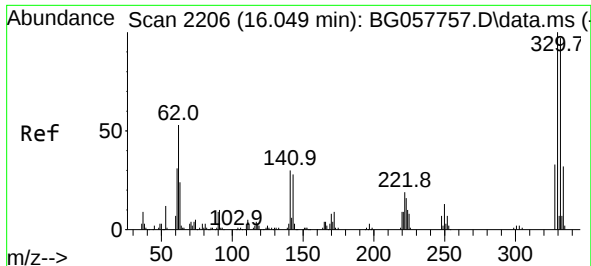
Ion Ratio Lower Upper

164 100

162 99.2 78.3 117.5

160 43.3 35.4 53.0

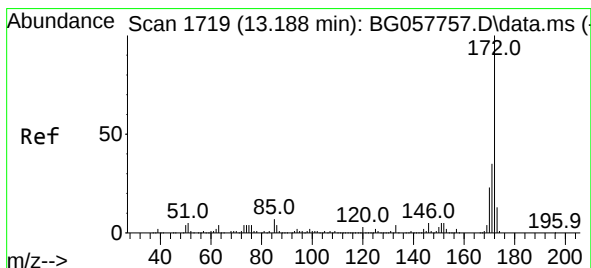
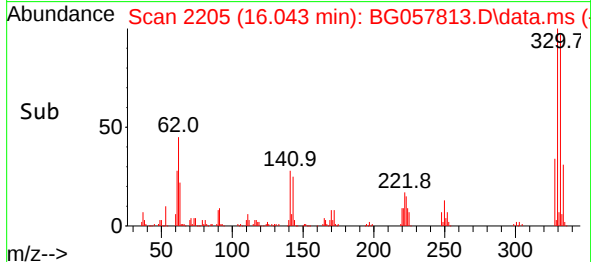
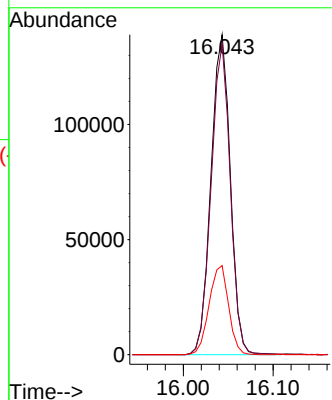
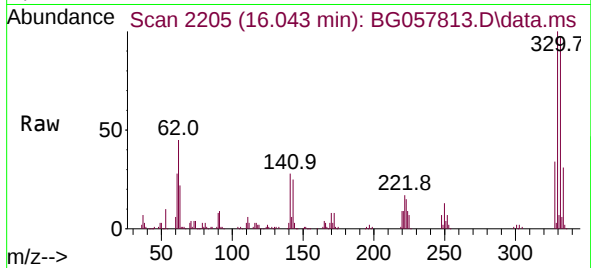




#42
2,4,6-Tribromophenol
Concen: 150.611 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

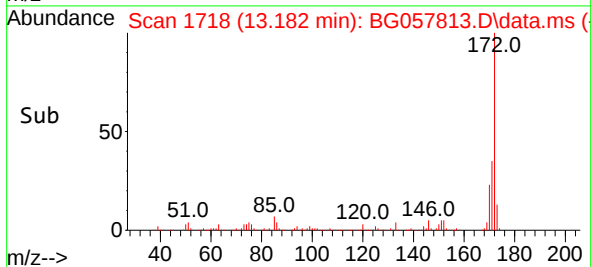
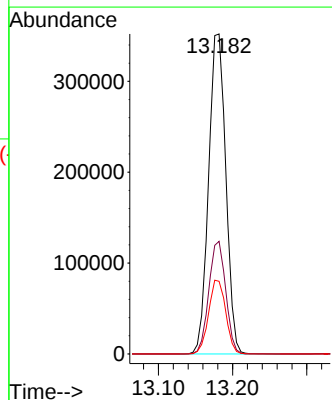
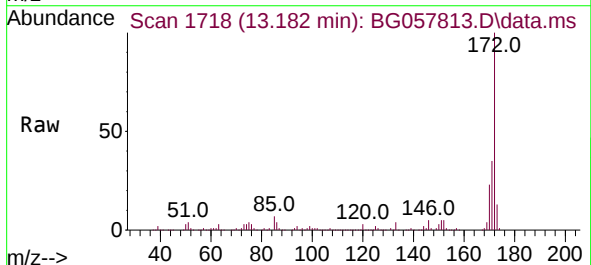
Instrument :
BNA_G
ClientSampleId :
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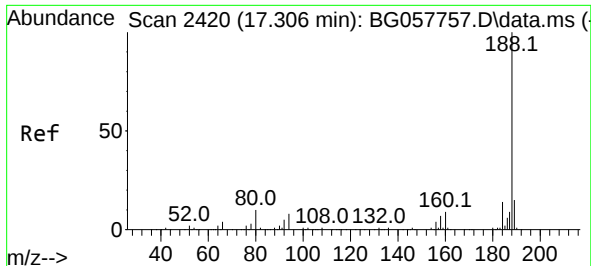
Tgt Ion:330 Resp: 207972
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 28.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.791 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

Tgt Ion:172 Resp: 567233
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 22.7 18.6 27.8

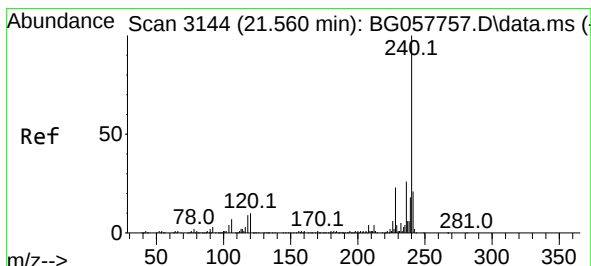
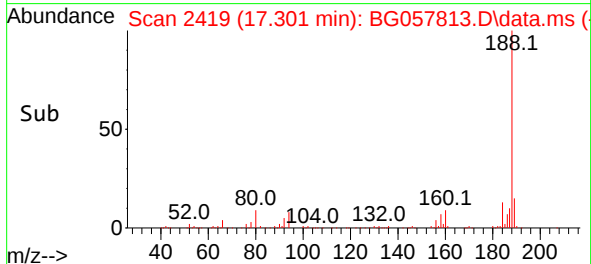
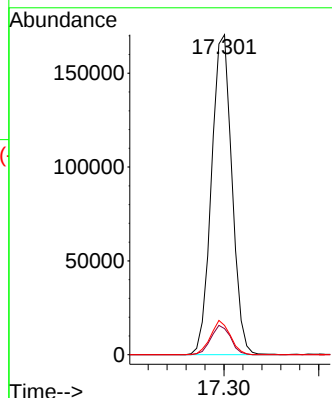
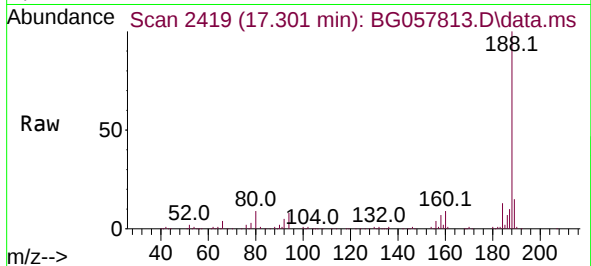




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

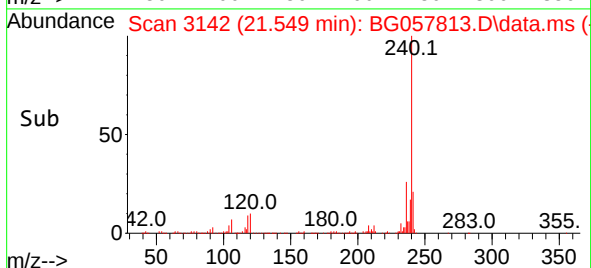
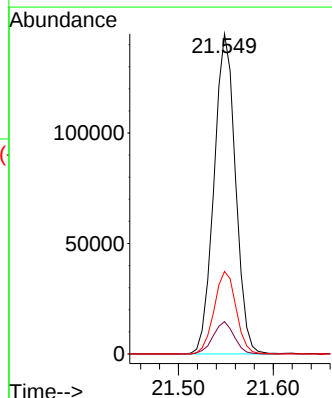
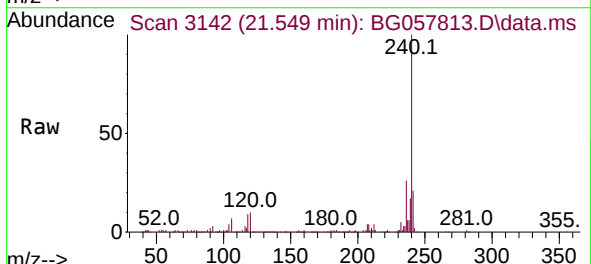
Instrument :
BNA_G
ClientSampleId :
MW-4

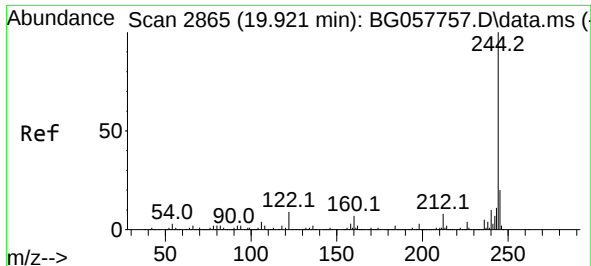
Tgt Ion:188 Resp: 255584
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057813.D
Acq: 22 Jun 2023 17:14

Tgt Ion:240 Resp: 228040
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.8 20.6 30.8



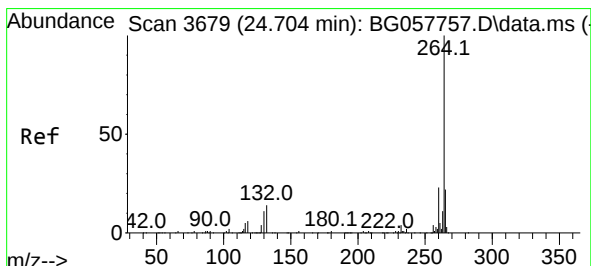
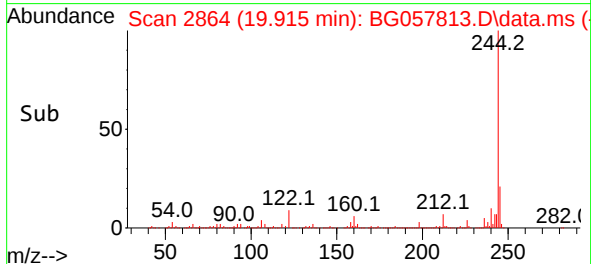
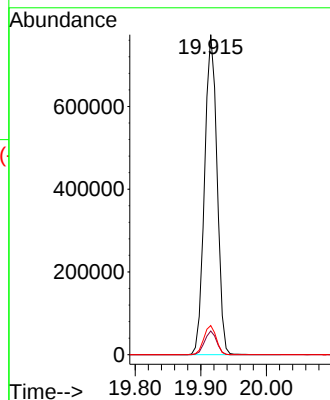
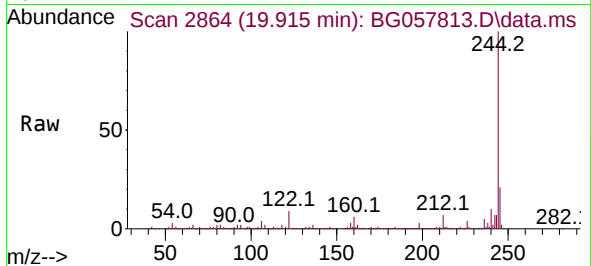


#79
 Terphenyl-d14
 Concen: 84.030 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057813.D
 Acq: 22 Jun 2023 17:14

Instrument :
 BNA_G
 ClientSampleId :
 MW-4

Tgt Ion:244 Resp: 1027651

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	9.1	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: BG057813.D
 Acq: 22 Jun 2023 17:14

Tgt Ion:264 Resp: 276515

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	20.9	17.4	26.2

