

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057837.D
 Acq On : 23 Jun 2023 11:19
 Operator : CG/JU
 Sample : 03238-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PMW-1

Quant Time: Jun 23 12:14:33 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	7.918	152	32334	20.000	ng	-0.01
21) Naphthalene-d8	10.721	136	141590	20.000	ng	-0.01
39) Acenaphthene-d10	14.558	164	108765	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	281121	20.000	ng	0.00
76) Chrysene-d12	21.549	240	242257	20.000	ng	-0.01
86) Perylene-d12	24.699	264	295150	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	111123	52.991	ng	0.00
7) Phenol-d6	7.078	99	105564	32.992	ng	-0.01
23) Nitrobenzene-d5	9.082	82	207416	75.184	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	196240	129.524	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	503522	70.217	ng	0.00
79) Terphenyl-d14	19.916	244	946660	72.865	ng	0.00

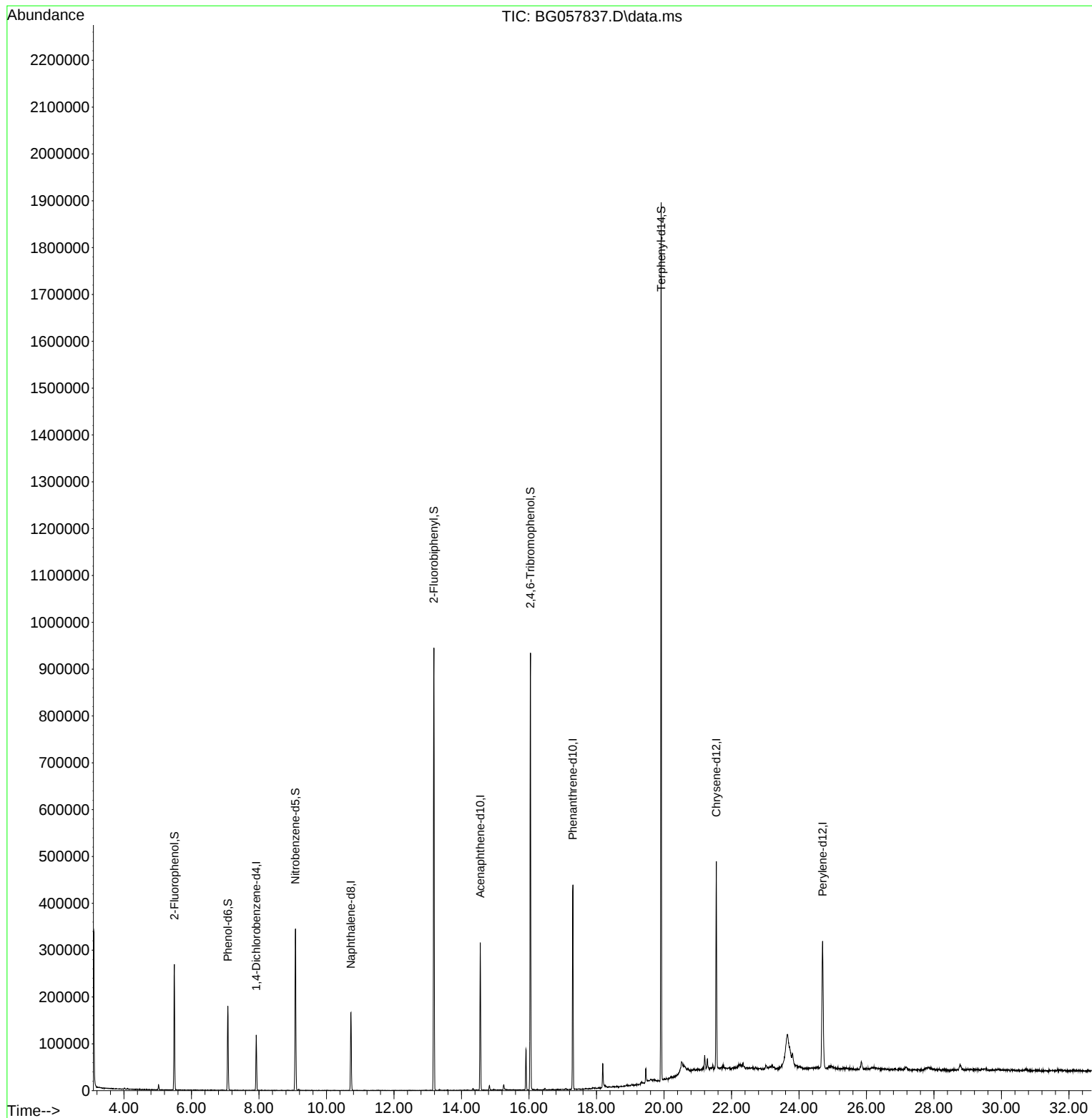
Target Compounds	Qvalue

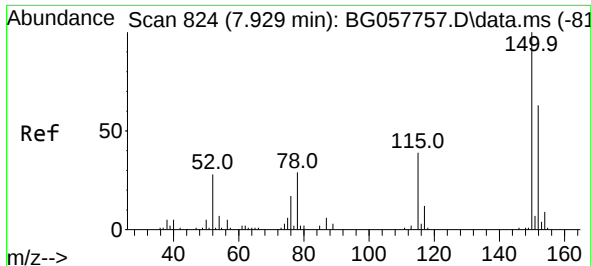
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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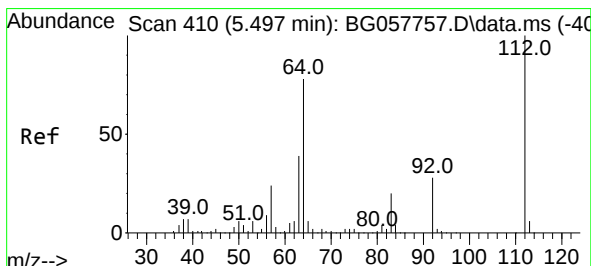
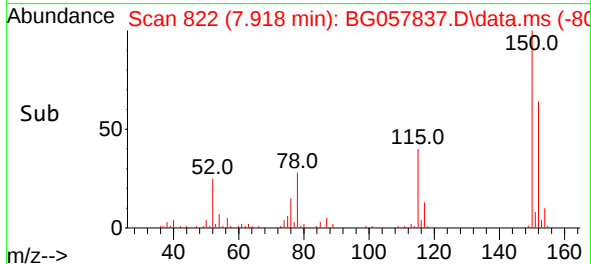
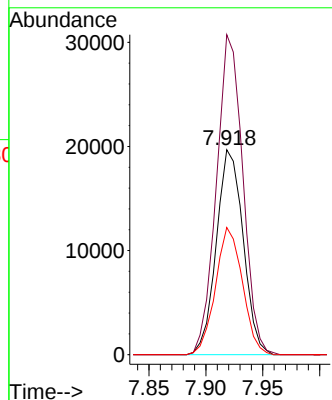
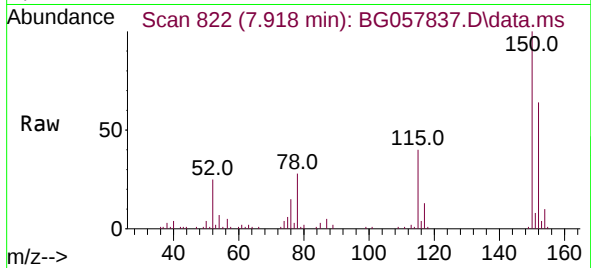




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

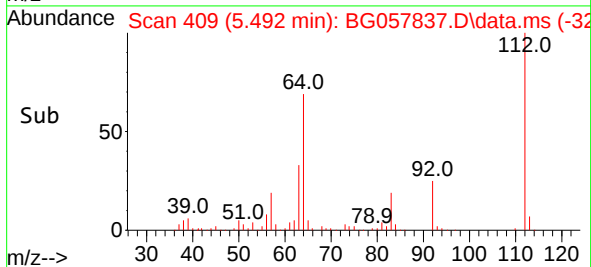
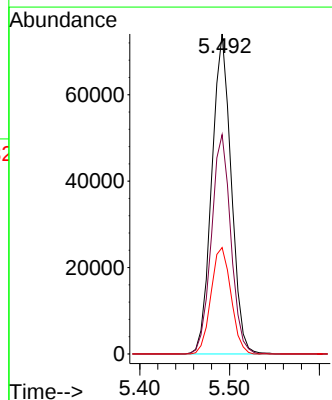
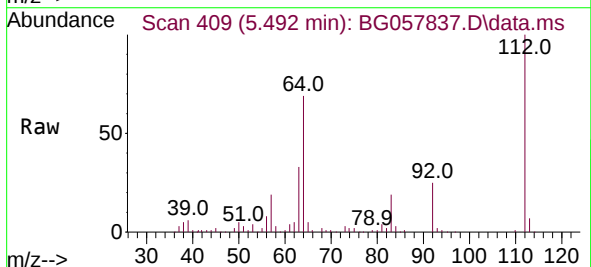
Instrument :
BNA_G
ClientSampleId :
PMW-1

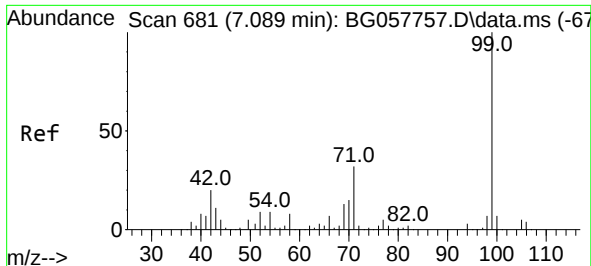
Tgt Ion:152 Resp: 32334
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 62.1 48.9 73.3



#5
2-Fluorophenol
Concen: 52.991 ng
RT: 5.492 min Scan# 409
Delta R.T. -0.005 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

Tgt Ion:112 Resp: 111123
Ion Ratio Lower Upper
112 100
64 68.6 62.1 93.1
63 33.3 31.5 47.3

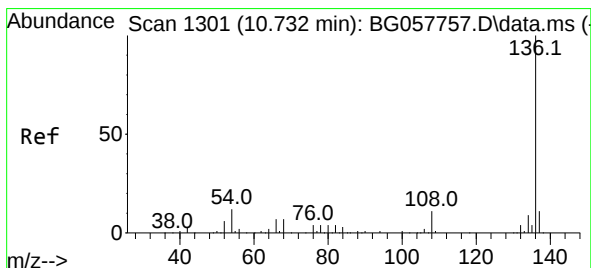
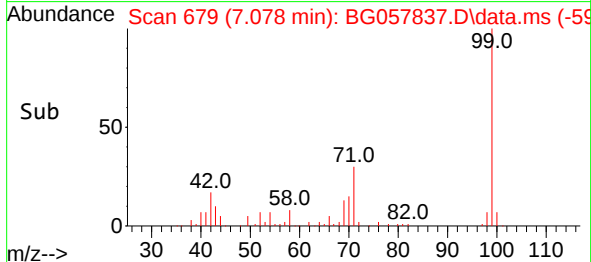
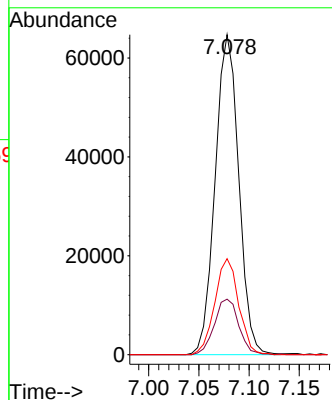
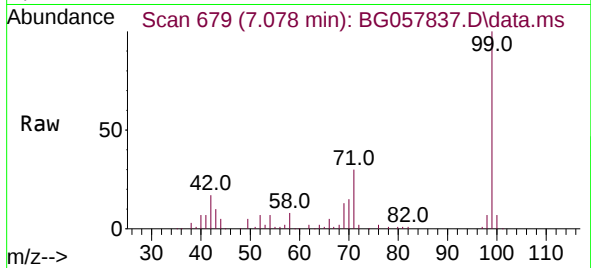




#7
Phenol-d6
Concen: 32.992 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

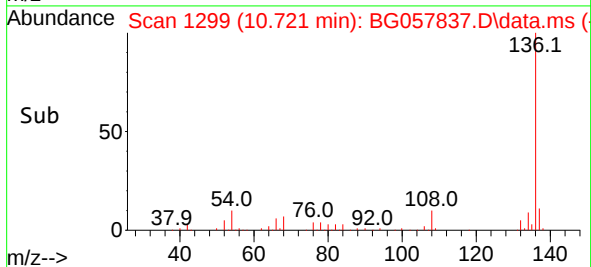
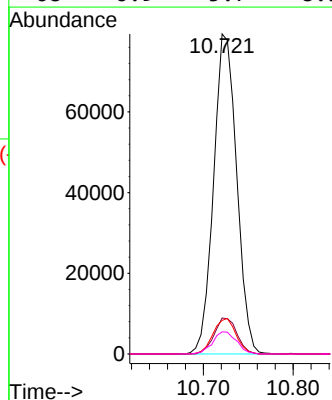
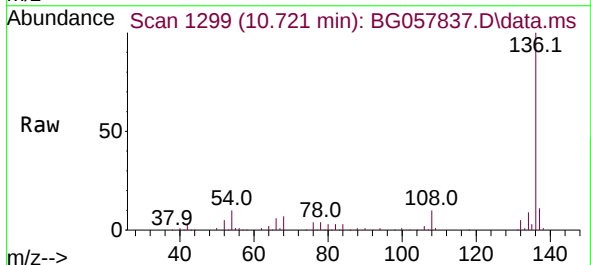
Instrument :
BNA_G
ClientSampleId :
PMW-1

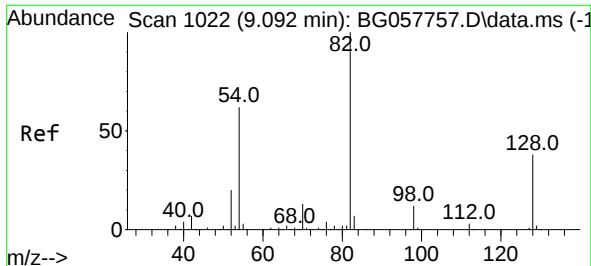
Tgt Ion: 99 Resp: 105564
Ion Ratio Lower Upper
99 100
42 17.4 16.4 24.6
71 30.0 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

Tgt Ion: 136 Resp: 141590
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.5 9.5 14.3
68 6.9 5.7 8.5

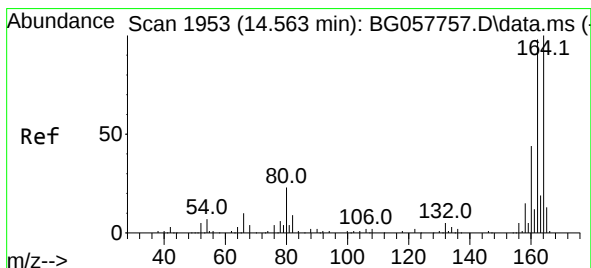
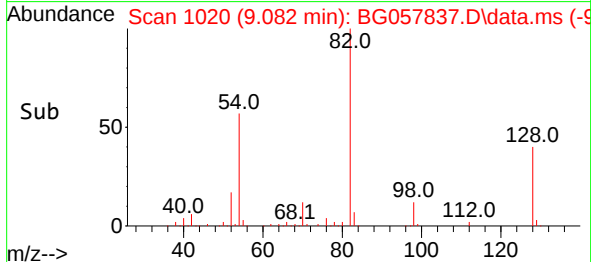
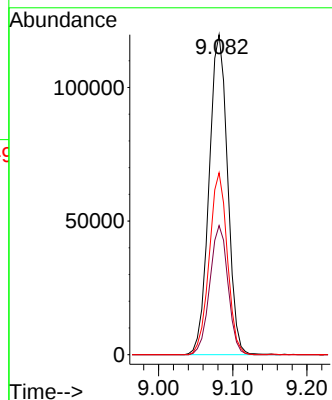
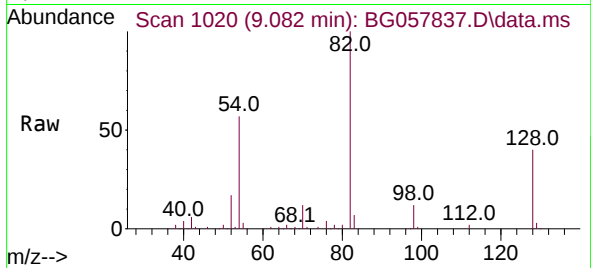




#23
Nitrobenzene-d5
Concen: 75.184 ng
RT: 9.082 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

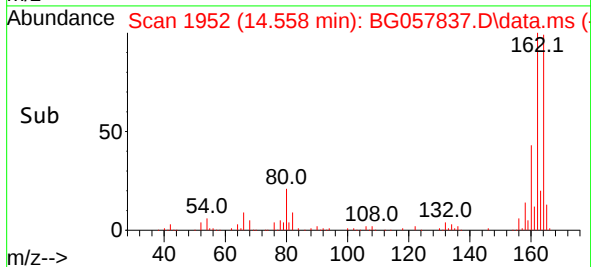
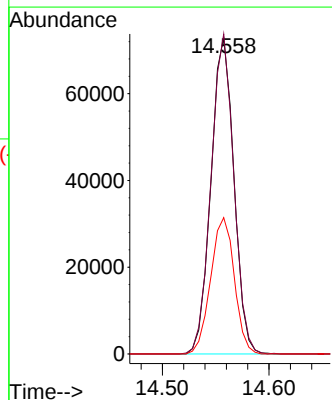
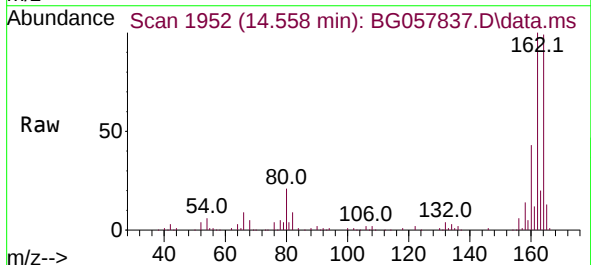
Instrument :
BNA_G
ClientSampleId :
PMW-1

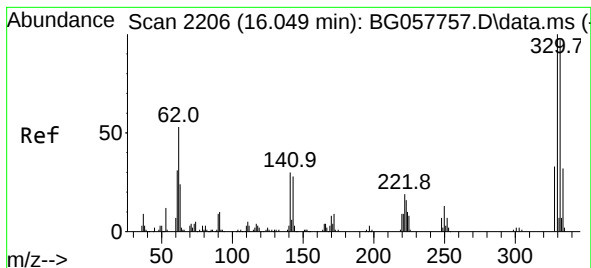
Tgt Ion: 82 Resp: 207416
Ion Ratio Lower Upper
82 100
128 40.4 30.7 46.1
54 56.9 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

Tgt Ion:164 Resp: 108765
Ion Ratio Lower Upper
164 100
162 101.2 78.3 117.5
160 43.1 35.4 53.0

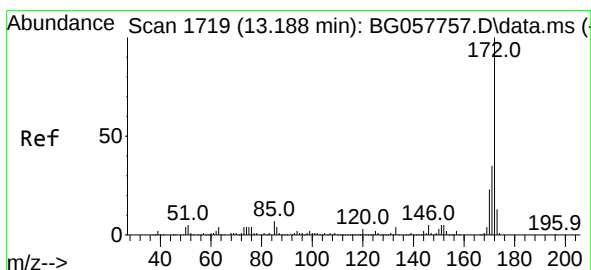
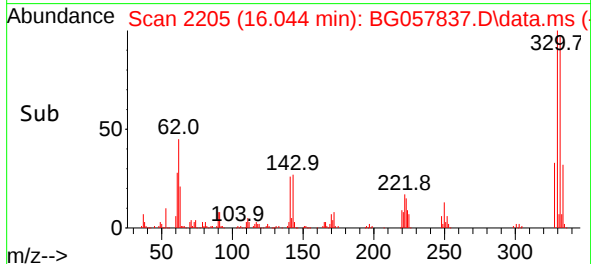
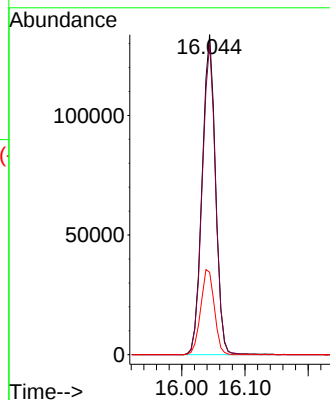
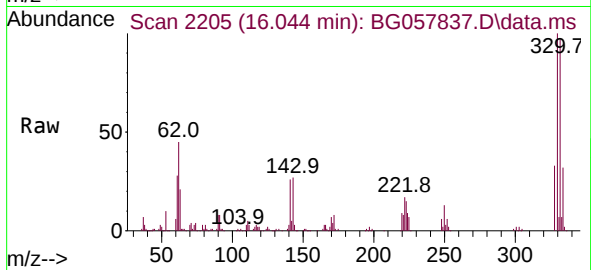




#42
2,4,6-Tribromophenol
Concen: 129.524 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

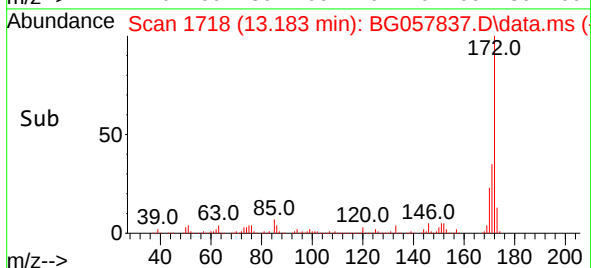
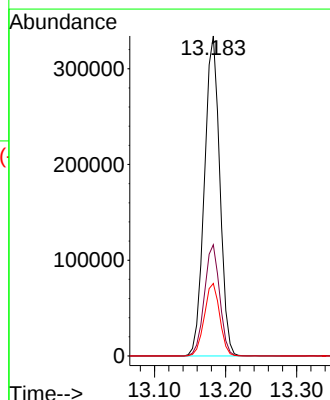
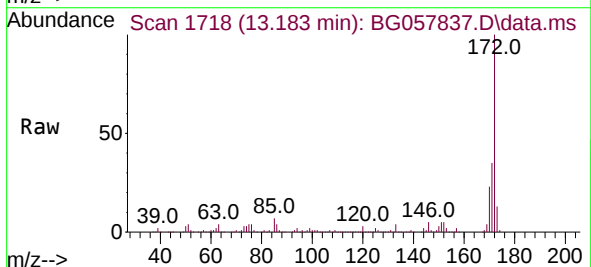
Instrument :
BNA_G
ClientSampleId :
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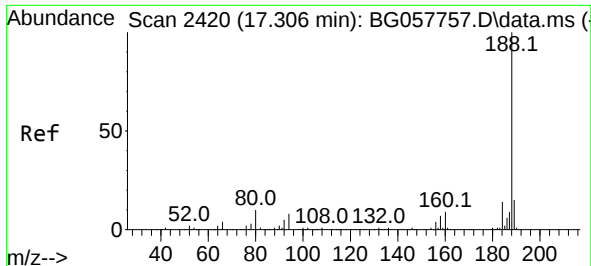
Tgt Ion:330 Resp: 196240
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 27.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 70.217 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.005 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

Tgt Ion:172 Resp: 503522
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.6 18.6 27.8

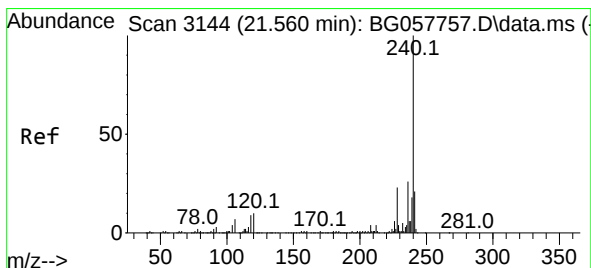
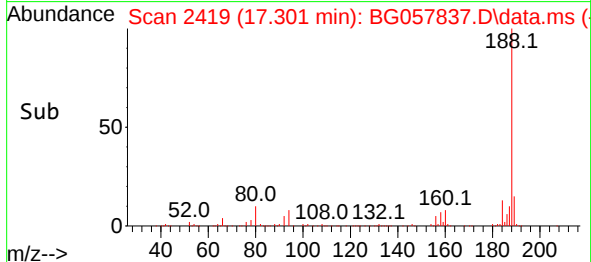
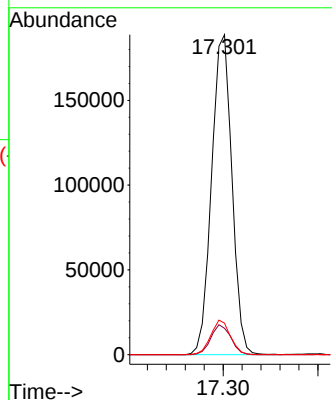
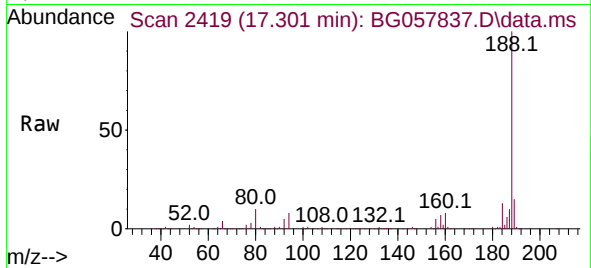




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

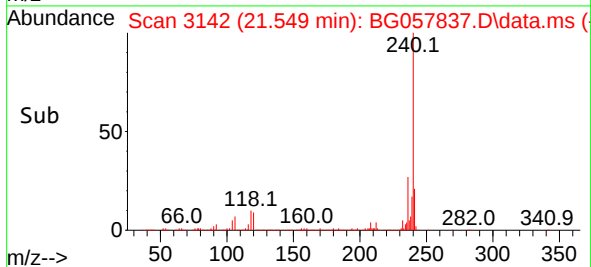
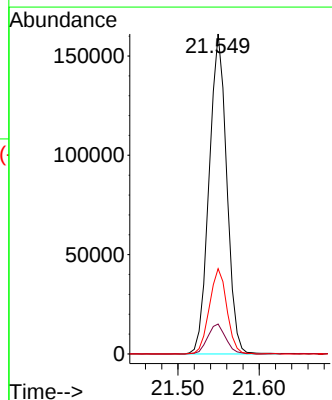
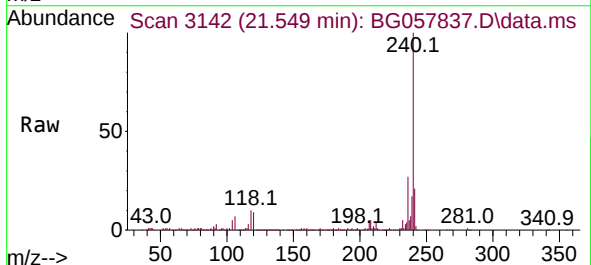
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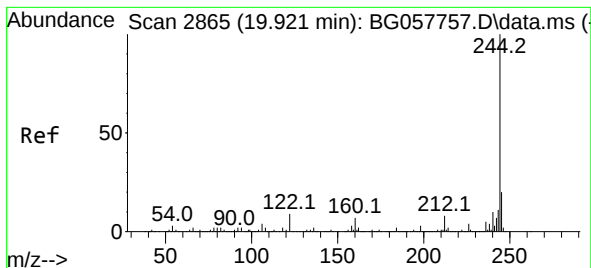
Tgt Ion:188 Resp: 281121
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 9.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057837.D
Acq: 23 Jun 2023 11:19

Tgt Ion:240 Resp: 242257
Ion Ratio Lower Upper
240 100
120 9.3 8.1 12.1
236 26.7 20.6 30.8





#79

Terphenyl-d14

Concen: 72.865 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057837.D

Acq: 23 Jun 2023 11:19

Instrument :

BNA_G

ClientSampleId :

PMW-1

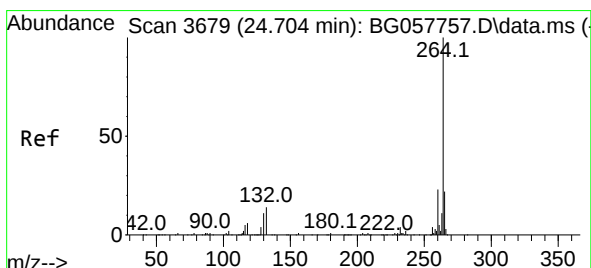
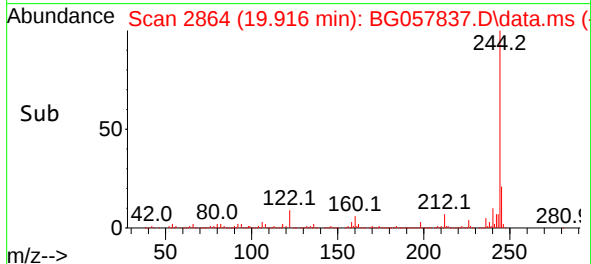
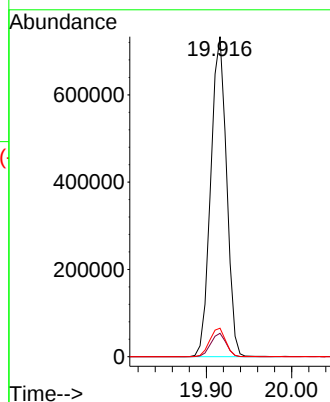
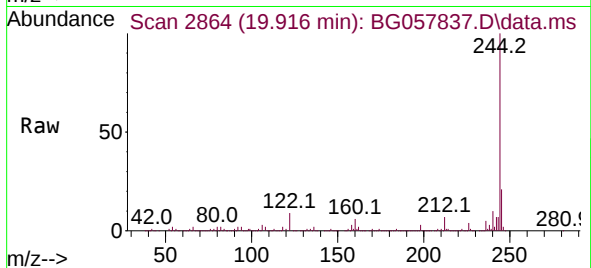
Tgt Ion:244 Resp: 946660

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 8.9 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.699 min Scan# 3678

Delta R.T. -0.005 min

Lab File: BG057837.D

Acq: 23 Jun 2023 11:19

Tgt Ion:264 Resp: 295150

Ion Ratio Lower Upper

264 100

260 21.7 18.5 27.7

265 21.1 17.4 26.2

