

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057825.D
 Acq On : 23 Jun 2023 2:32
 Operator : CG/JU
 Sample : 03320-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-12

Quant Time: Jun 23 03:48:59 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	43119	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	190073	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	129236	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	290537	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	248988	20.000	ng	-0.01
86) Perylene-d12	24.698	264	302144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	243998	87.252	ng	0.00
7) Phenol-d6	7.083	99	380917	89.271	ng	0.00
23) Nitrobenzene-d5	9.081	82	229130	61.870	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	155576	86.419	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	541128	63.508	ng	0.00
79) Terphenyl-d14	19.915	244	856718	64.160	ng	0.00

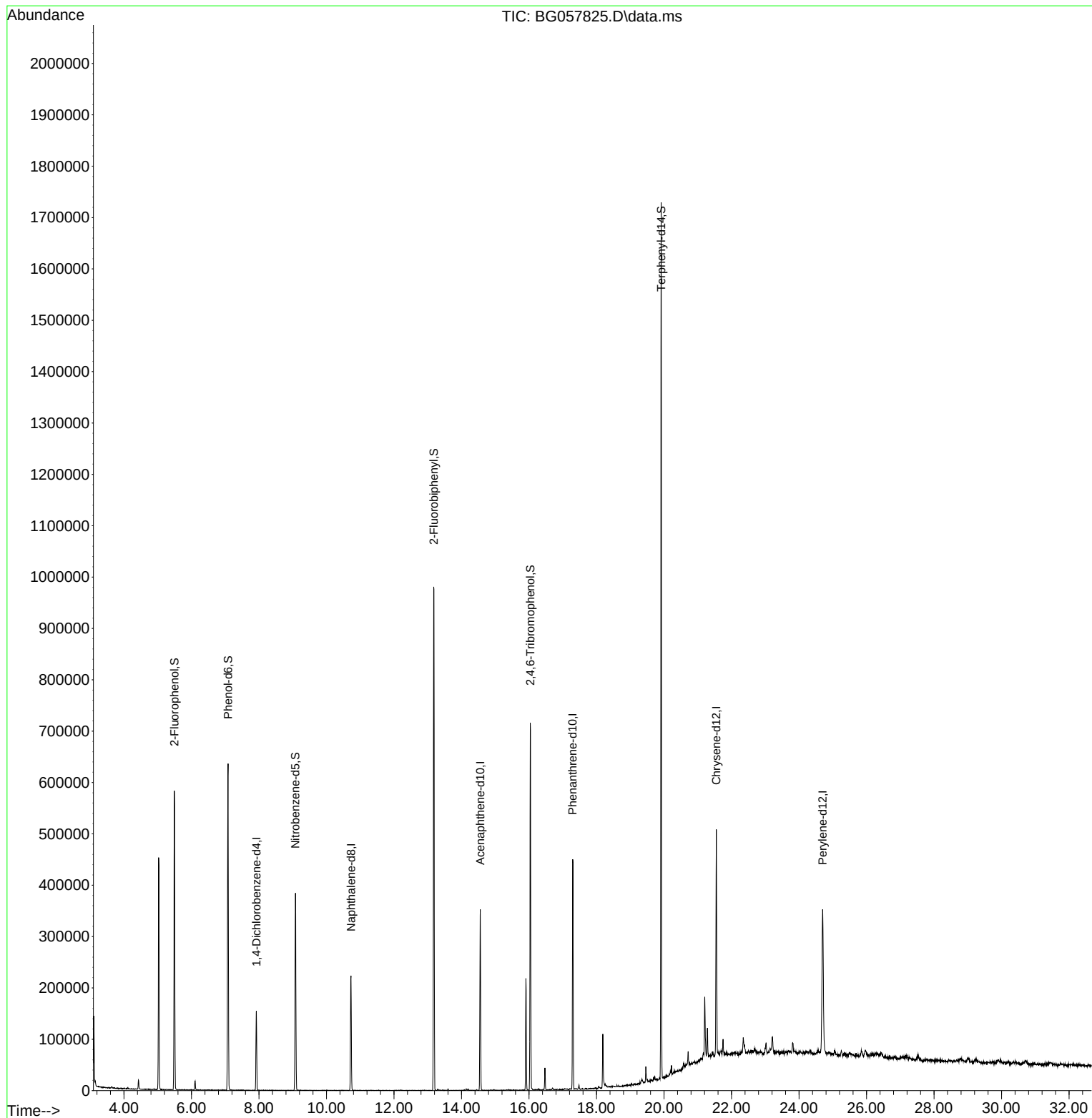
Target Compounds	Qvalue

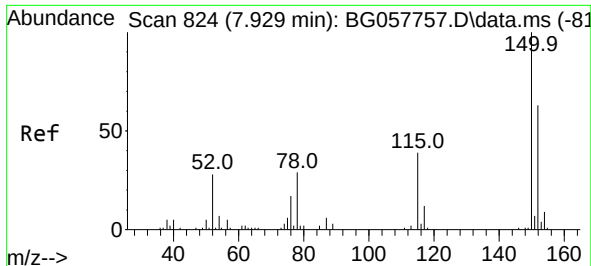
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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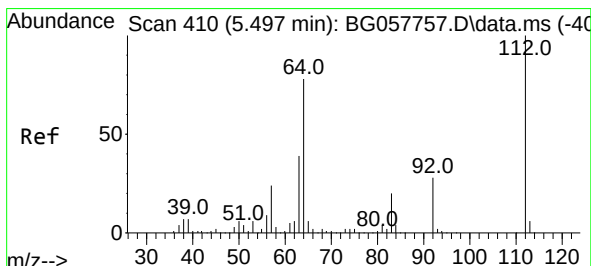
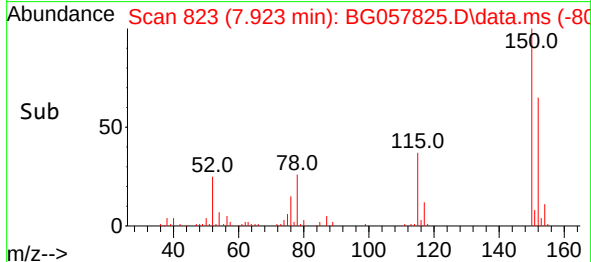
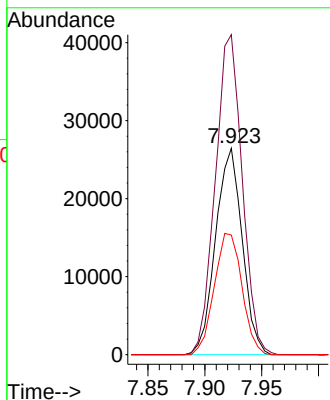
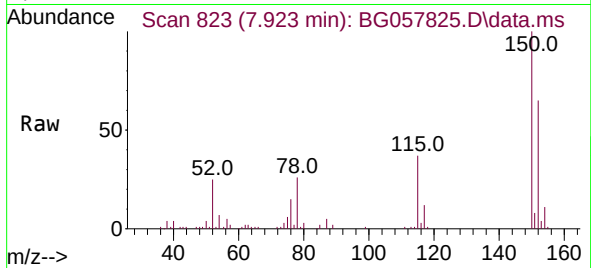




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

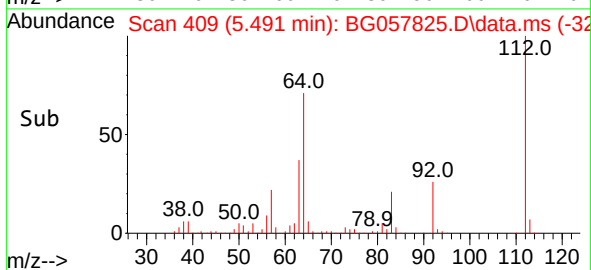
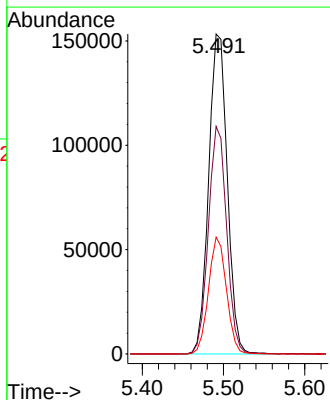
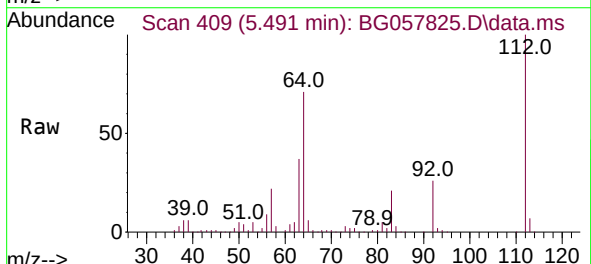
Instrument :
BNA_G
ClientSampleId :
WC-12

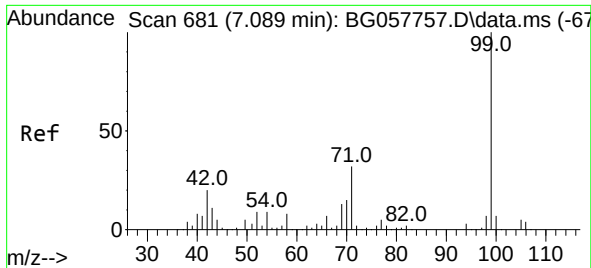
Tgt Ion:152 Resp: 43119
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 58.0 48.9 73.3



#5
2-Fluorophenol
Concen: 87.252 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:112 Resp: 243998
Ion Ratio Lower Upper
112 100
64 71.1 62.1 93.1
63 36.5 31.5 47.3

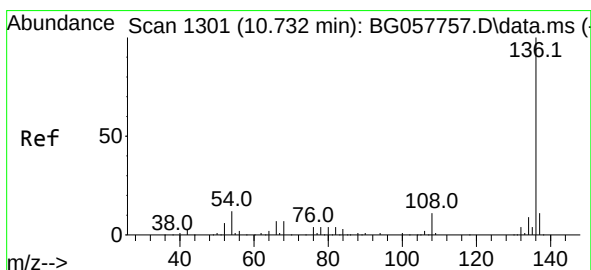
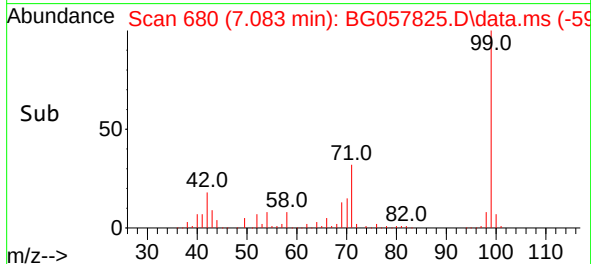
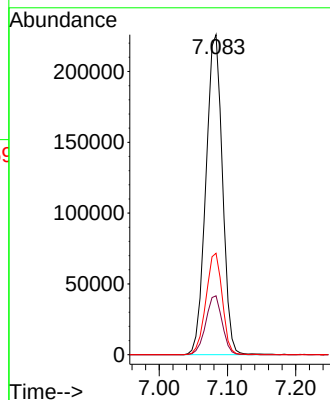
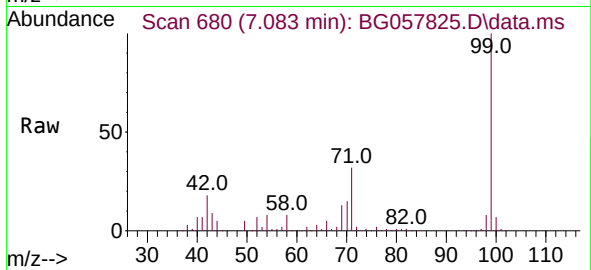




#7
Phenol-d6
Concen: 89.271 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

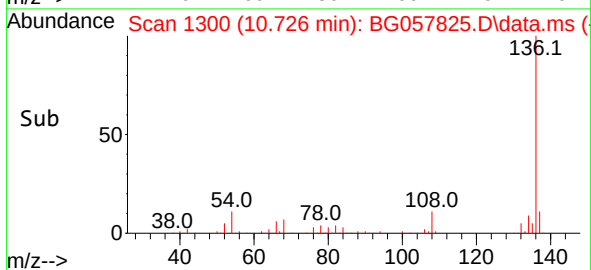
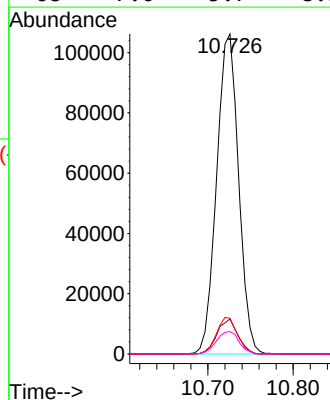
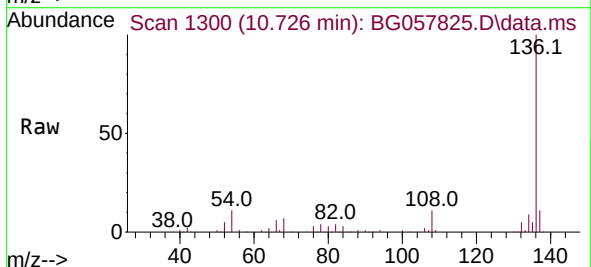
Instrument :
BNA_G
ClientSampleId :
WC-12

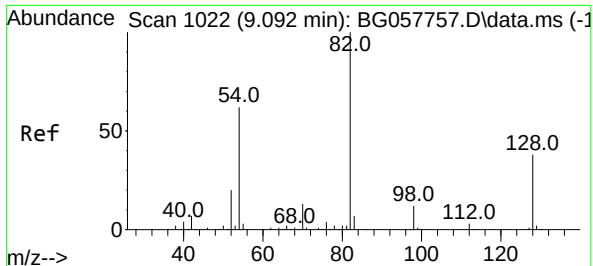
Tgt Ion: 99 Resp: 380917
Ion Ratio Lower Upper
99 100
42 18.4 16.4 24.6
71 31.7 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion: 136 Resp: 190073
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.1 9.5 14.3
68 7.0 5.7 8.5





#23

Nitrobenzene-d5

Concen: 61.870 ng

RT: 9.081 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BG057825.D

Acq: 23 Jun 2023 2:32

Instrument :

BNA_G

ClientSampleId :

WC-12

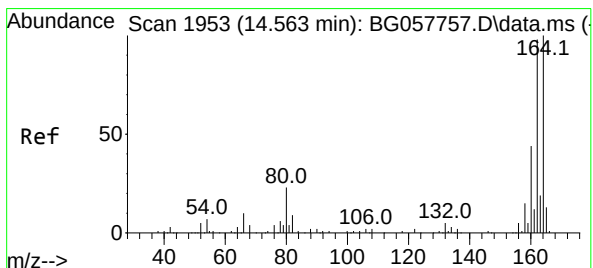
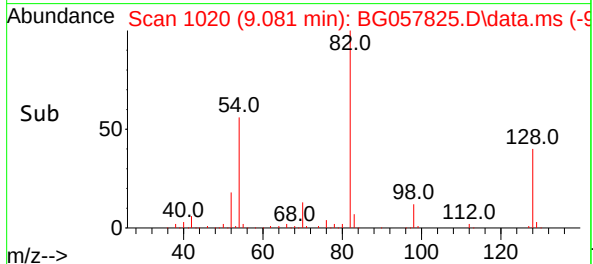
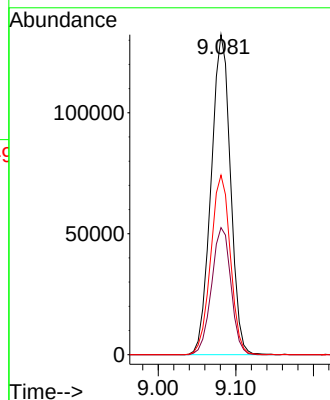
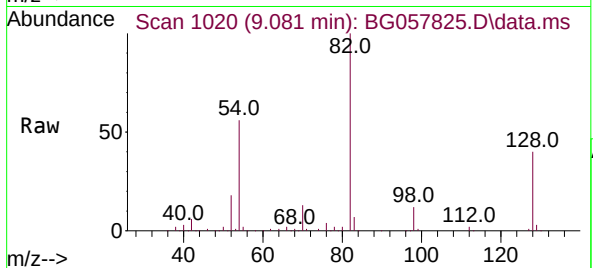
Tgt Ion: 82 Resp: 229130

Ion Ratio Lower Upper

82 100

128 39.7 30.7 46.1

54 56.1 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: BG057825.D

Acq: 23 Jun 2023 2:32

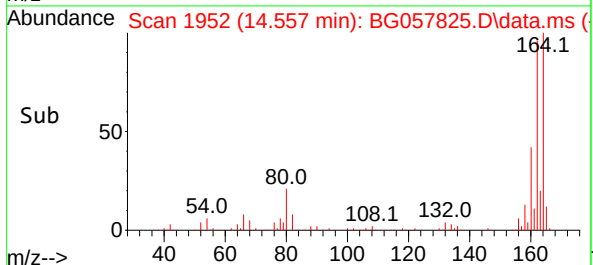
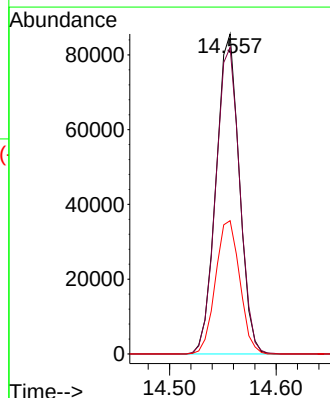
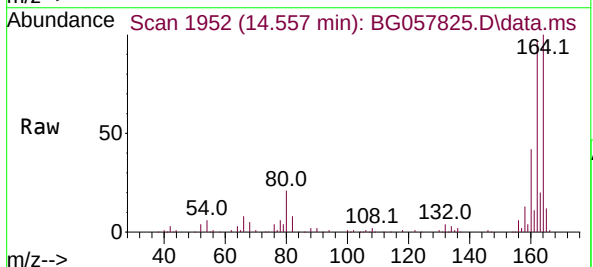
Tgt Ion:164 Resp: 129236

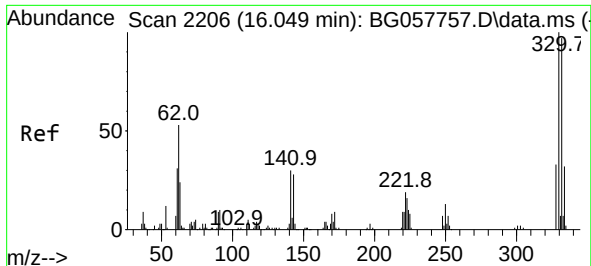
Ion Ratio Lower Upper

164 100

162 95.8 78.3 117.5

160 41.6 35.4 53.0

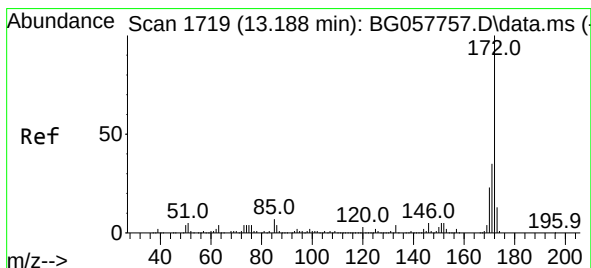
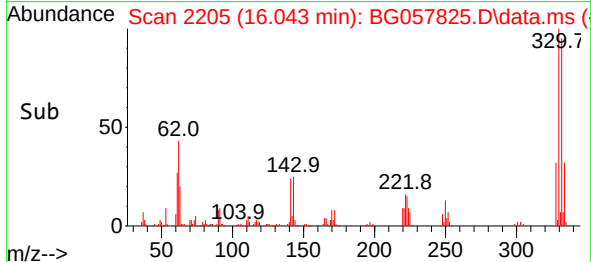
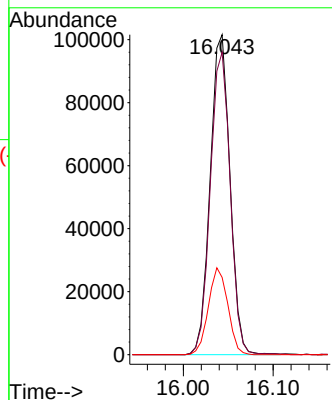
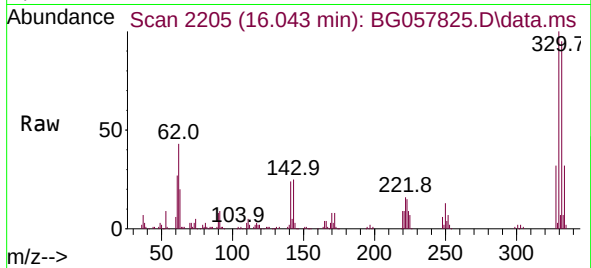




#42
2,4,6-Tribromophenol
Concen: 86.419 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

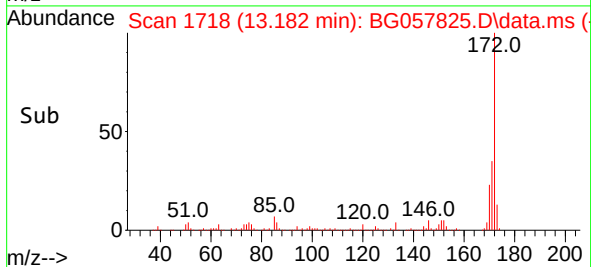
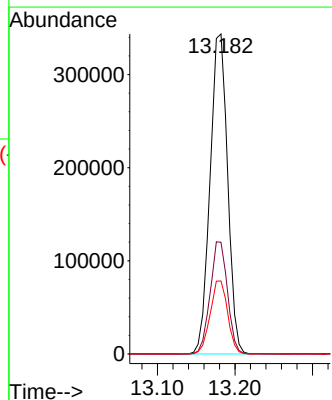
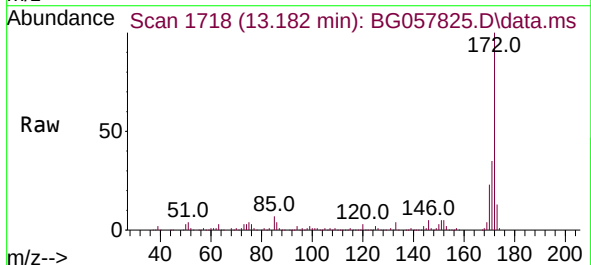
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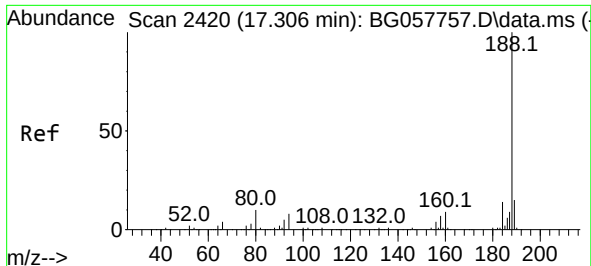
Tgt Ion:330 Resp: 155576
Ion Ratio Lower Upper
330 100
332 94.7 76.6 115.0
141 26.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 63.508 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:172 Resp: 541128
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.8 18.6 27.8

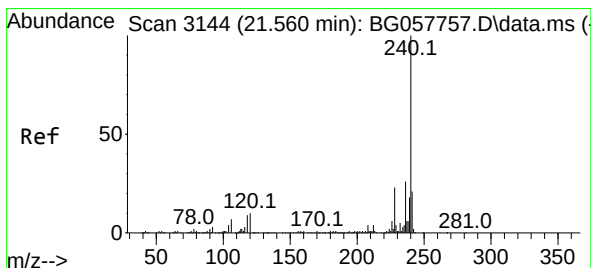
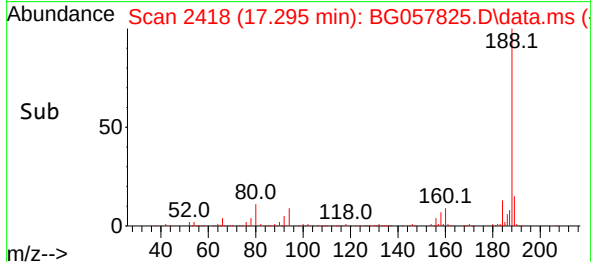
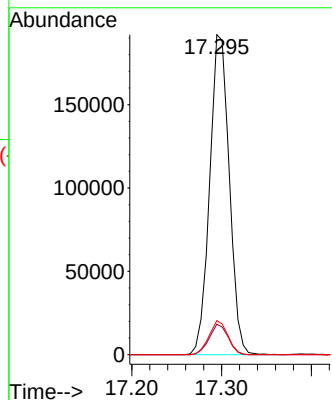
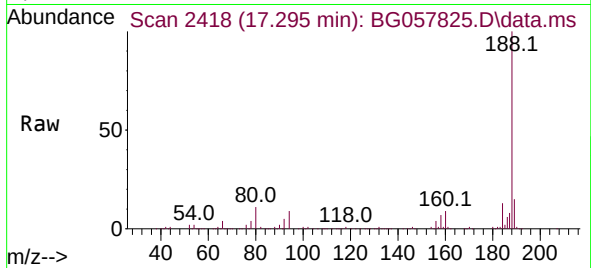




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

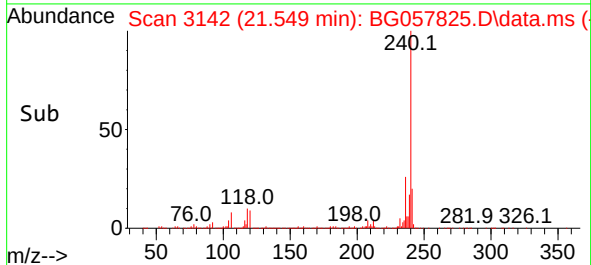
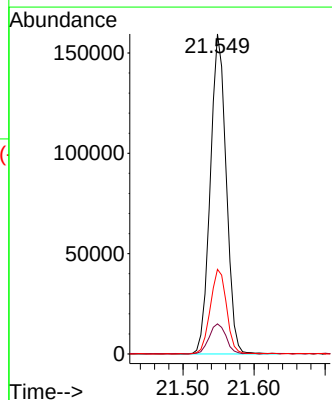
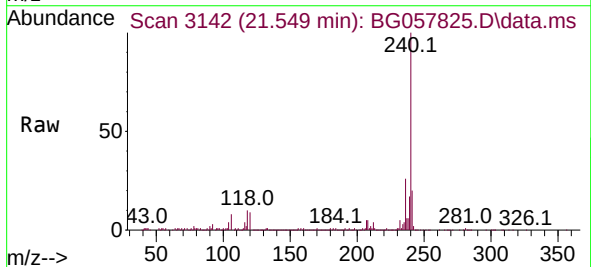
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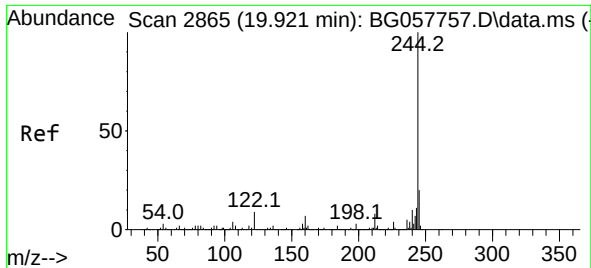
Tgt Ion:188 Resp: 290537
Ion Ratio Lower Upper
188 100
94 9.5 6.6 9.8
80 10.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.012 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:240 Resp: 248988
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.5 20.6 30.8

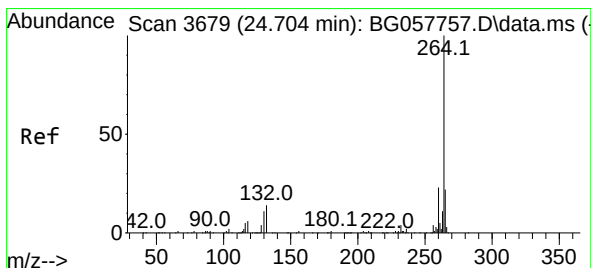
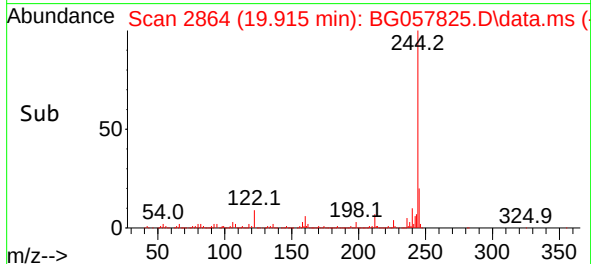
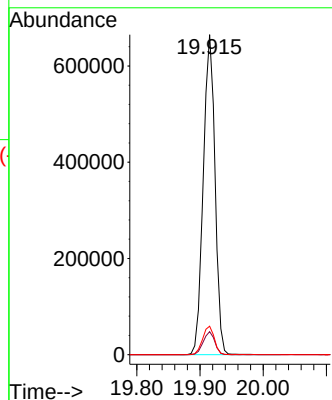
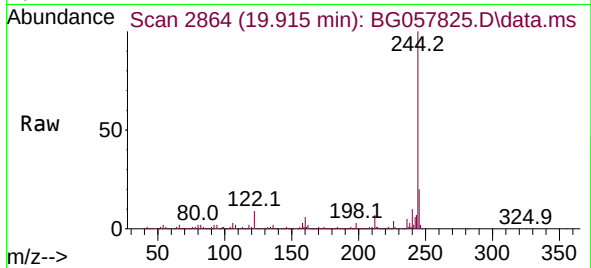




#79
Terphenyl-d14
Concen: 64.160 ng
RT: 19.915 min Scan# 2864
Delta R.T. -0.006 min
Lab File: BG057825.D
Acq: 23 Jun 2023 2:32

Instrument :
BNA_G
ClientSampleId :
WC-12

Tgt Ion:244 Resp: 856718
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 8.9 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: BG057825.D
Acq: 23 Jun 2023 2:32

Tgt Ion:264 Resp: 302144
Ion Ratio Lower Upper
264 100
260 22.3 18.5 27.7
265 22.1 17.4 26.2

