

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057925.D
 Acq On : 30 Jun 2023 19:03
 Operator : CG/JU
 Sample : 03358-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4-(22-26)

Quant Time: Jul 01 02:18:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	42021	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	173923	20.000	ng	-0.01
39) Acenaphthene-d10	14.551	164	137796	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	348475	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	290195	20.000	ng	-0.01
86) Perylene-d12	24.686	264	349163	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.485	112	303747	110.595	ng	0.00
7) Phenol-d6	7.078	99	428152	104.250	ng	0.00
23) Nitrobenzene-d5	9.075	82	253650	71.473	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	234054	101.129	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	609700	67.522	ng	-0.01
79) Terphenyl-d14	19.910	244	1160434	72.902	ng	0.00

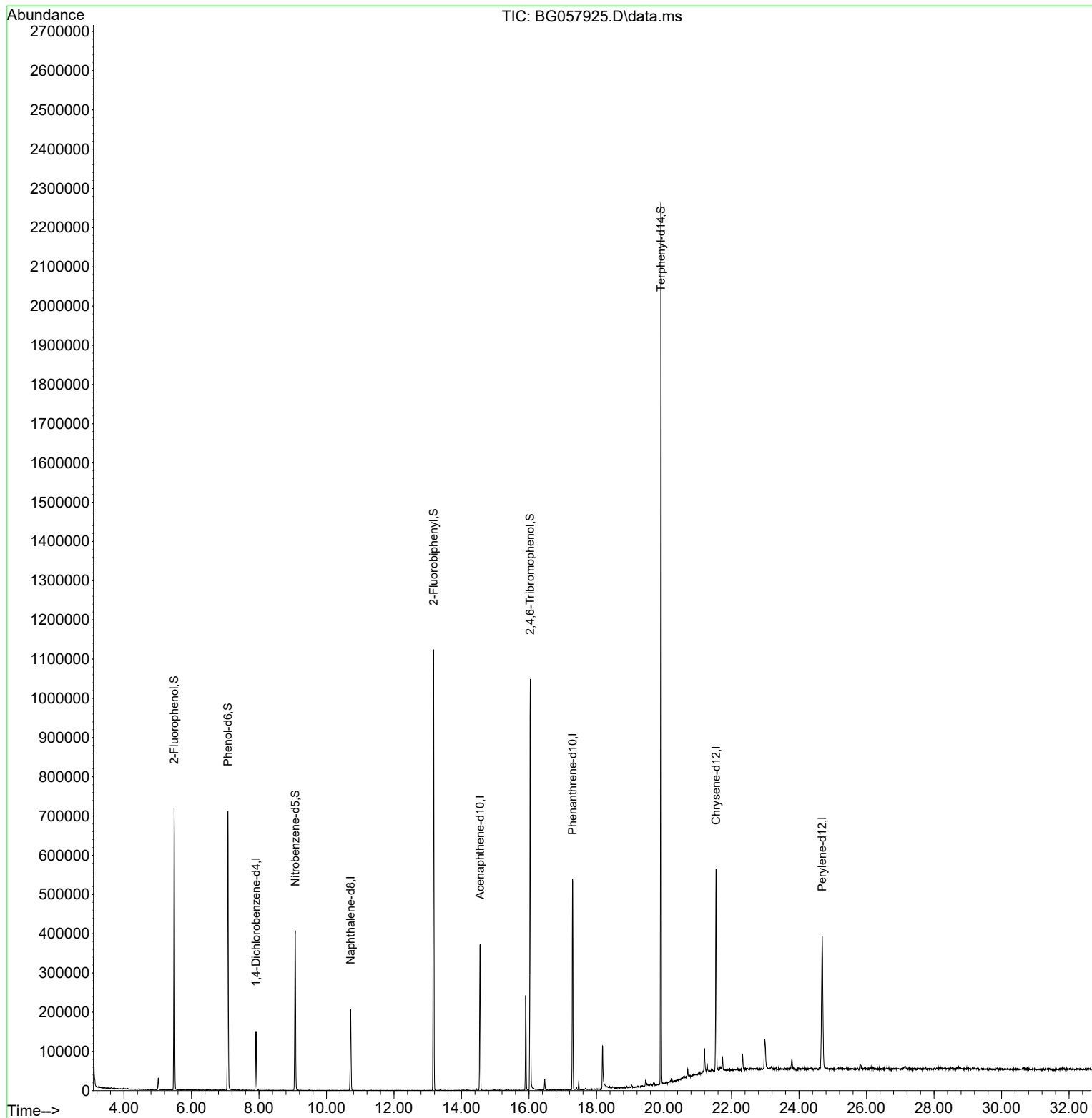
Target Compounds	Qvalue

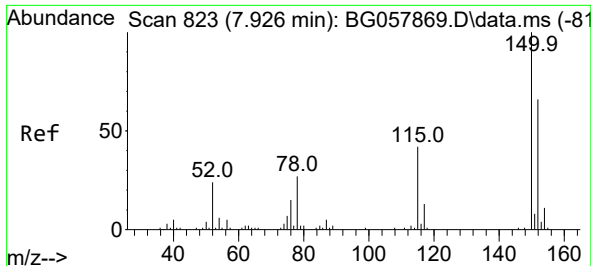
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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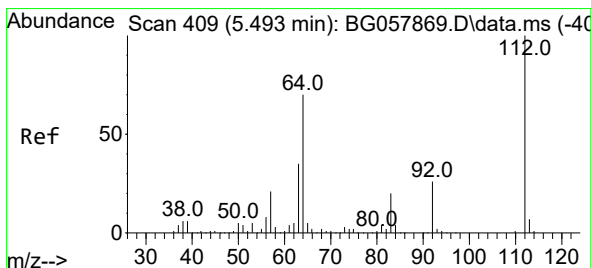
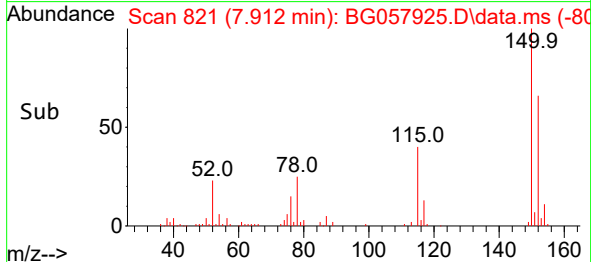
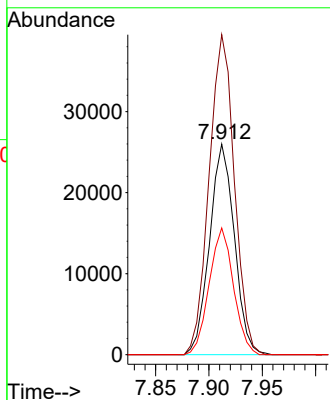
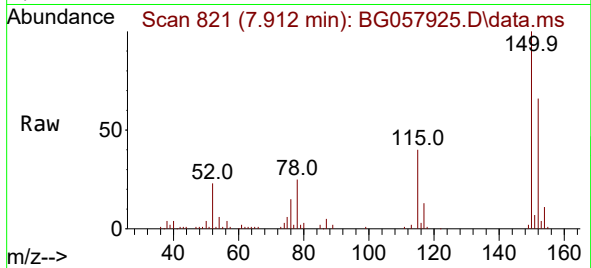




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

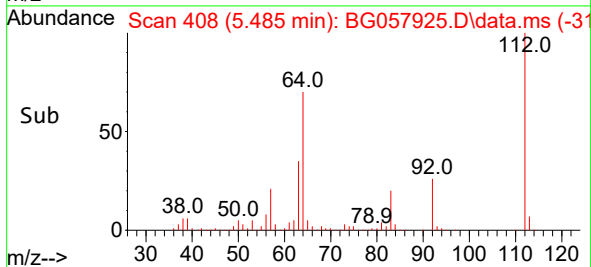
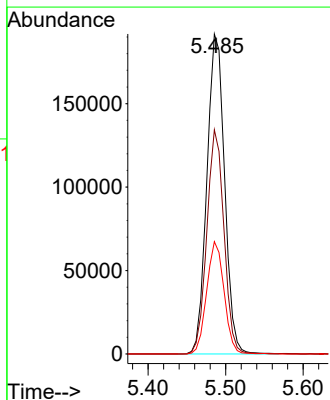
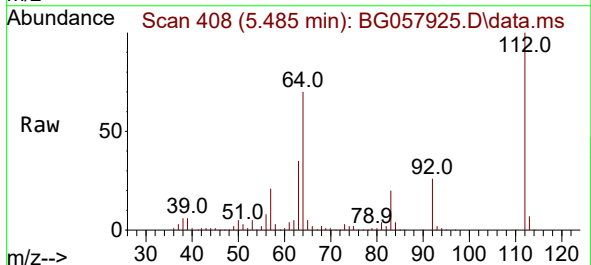
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

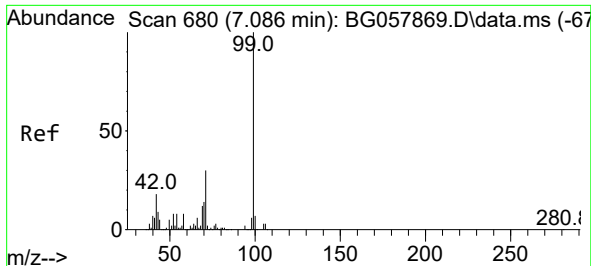
Tgt Ion:152 Resp: 42021
Ion Ratio Lower Upper
152 100
150 152.0 122.0 183.0
115 60.2 50.7 76.1



#5
2-Fluorophenol
Concen: 110.595 ng
RT: 5.485 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:112 Resp: 303747
Ion Ratio Lower Upper
112 100
64 70.1 55.8 83.6
63 35.1 27.9 41.9

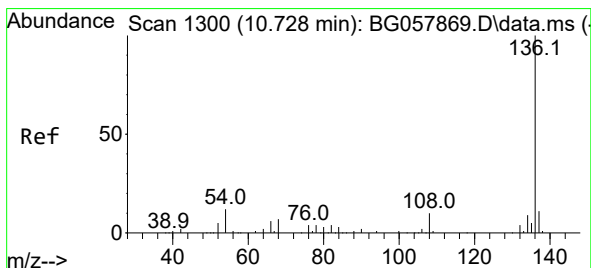
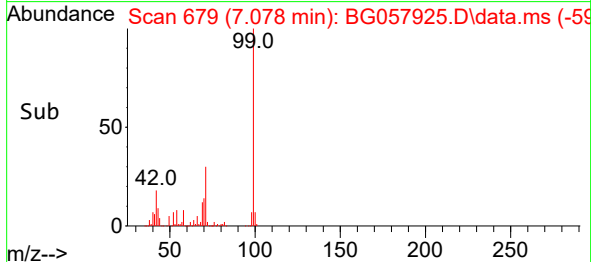
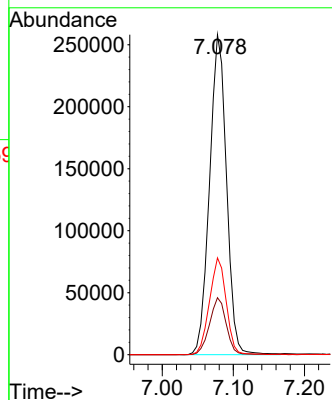
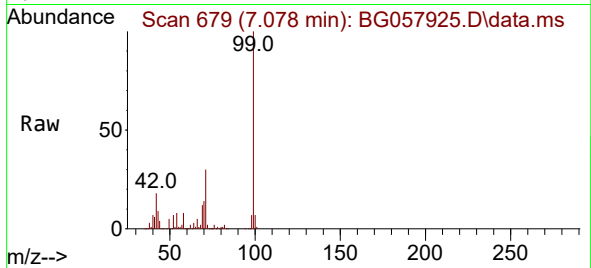




#7
Phenol-d6
Concen: 104.250 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

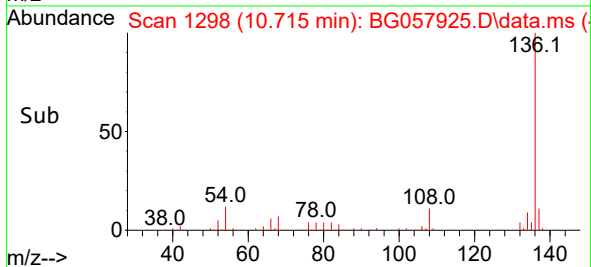
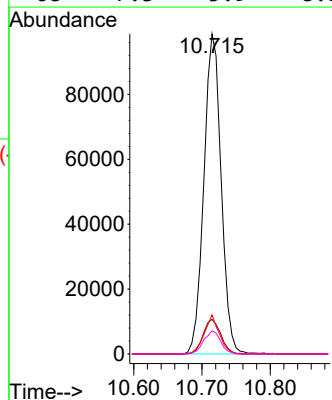
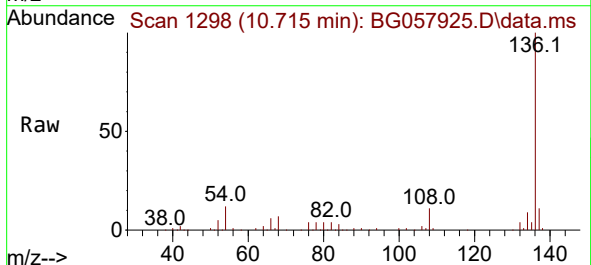
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

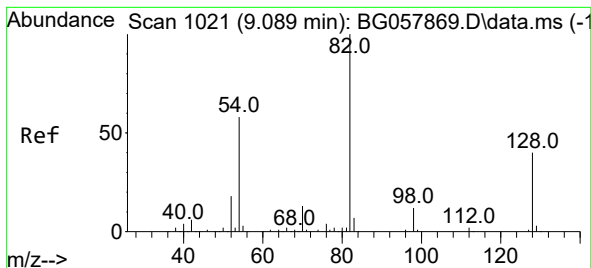
Tgt Ion: 99 Resp: 428152
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 30.2 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion: 136 Resp: 173923
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 12.2 9.3 13.9
68 7.3 5.9 8.9

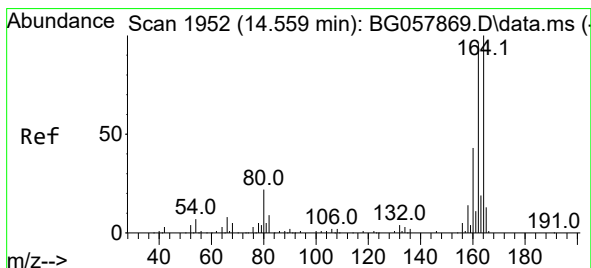
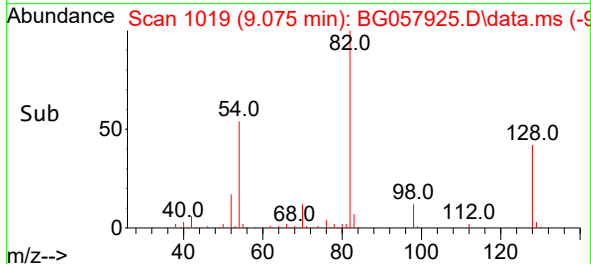
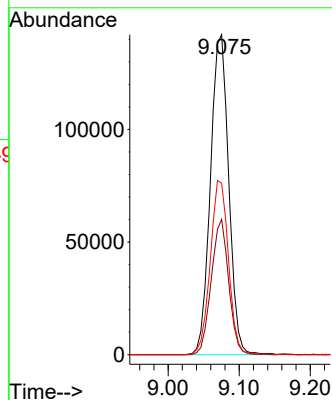
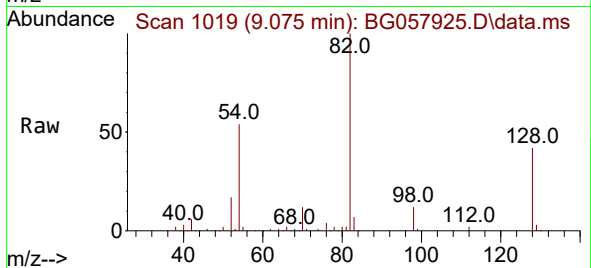




#23
Nitrobenzene-d5
Concen: 71.473 ng
RT: 9.075 min Scan# 1019
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

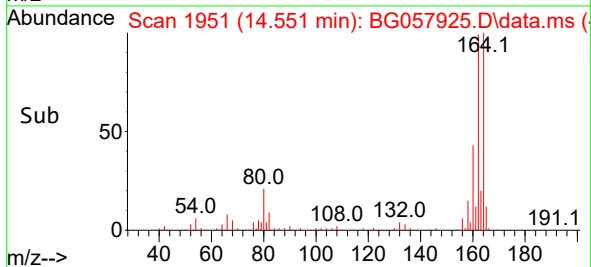
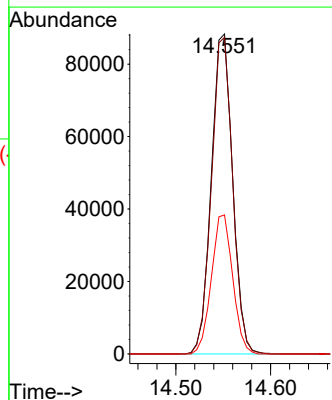
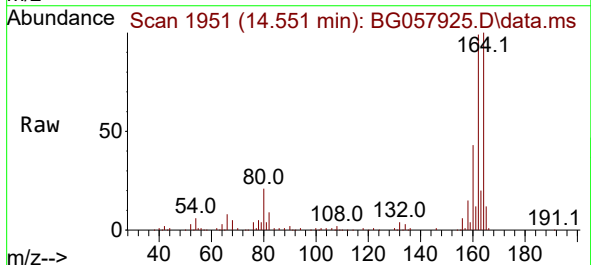
Instrument :
BNA_G
ClientSampleId :
SB-4-(22-26)

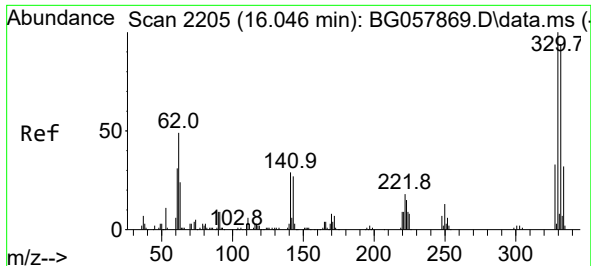
Tgt Ion: 82 Resp: 253650
Ion Ratio Lower Upper
82 100
128 42.3 32.2 48.4
54 53.6 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:164 Resp: 137796
Ion Ratio Lower Upper
164 100
162 99.0 76.4 114.6
160 43.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 101.129 ng

RT: 16.038 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057925.D

Acq: 30 Jun 2023 19:03

Instrument :

BNA_G

ClientSampleId :

SB-4-(22-26)

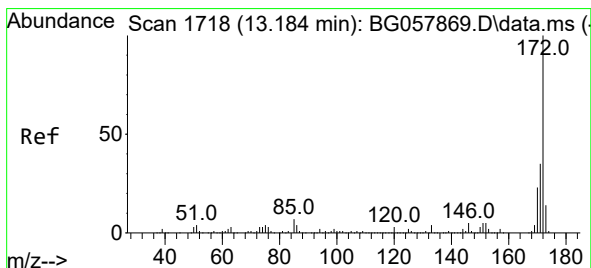
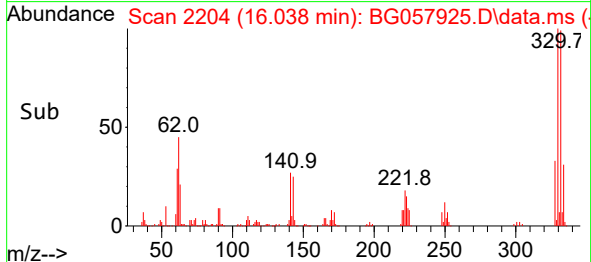
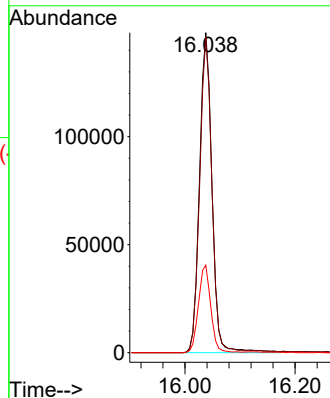
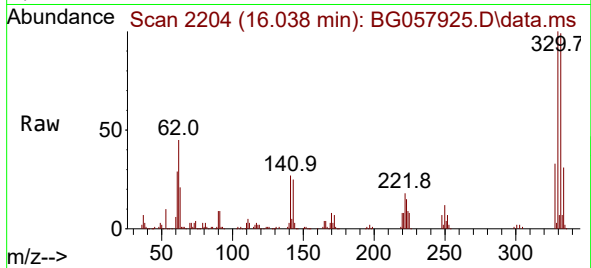
Tgt Ion:330 Resp: 234054

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 27.0 22.2 33.4



#45

2-Fluorobiphenyl

Concen: 67.522 ng

RT: 13.171 min Scan# 1716

Delta R.T. -0.014 min

Lab File: BG057925.D

Acq: 30 Jun 2023 19:03

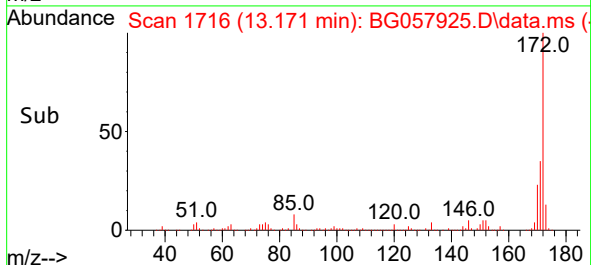
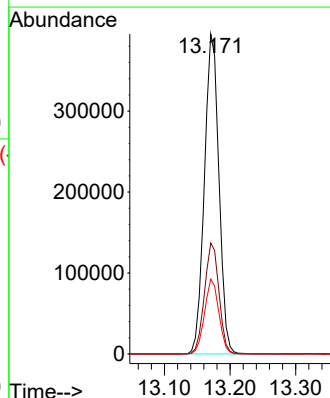
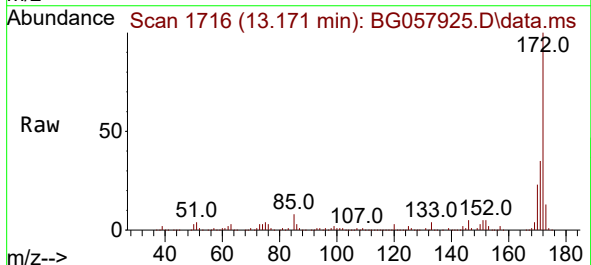
Tgt Ion:172 Resp: 609700

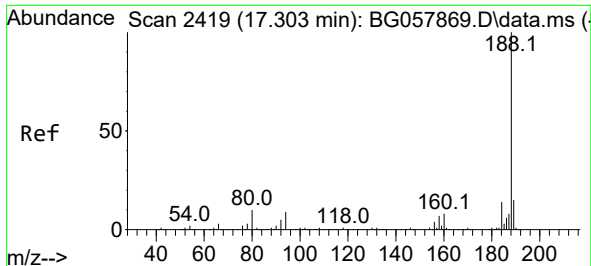
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.8

170 23.4 18.6 27.8

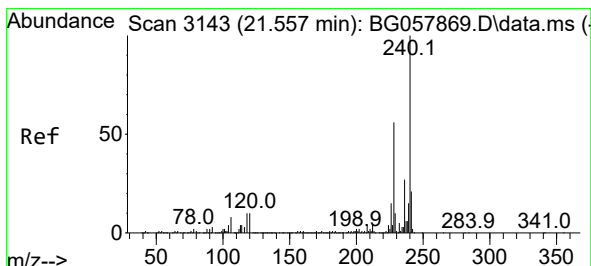
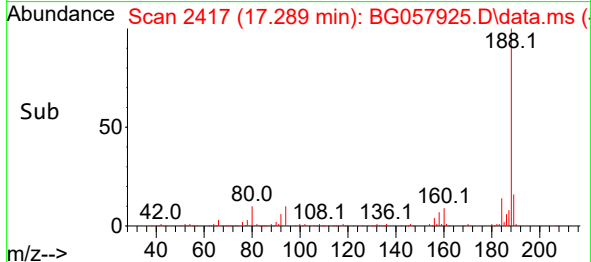
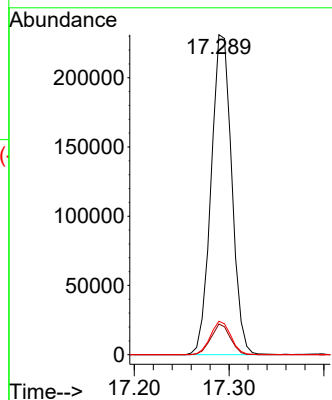
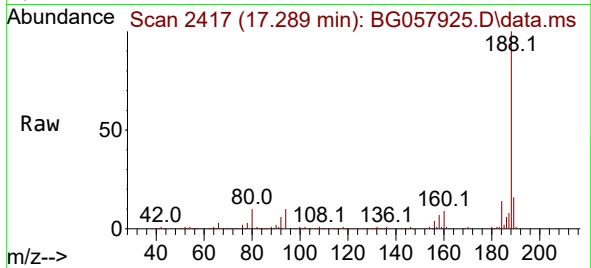




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

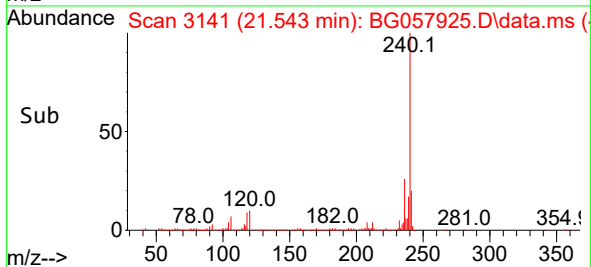
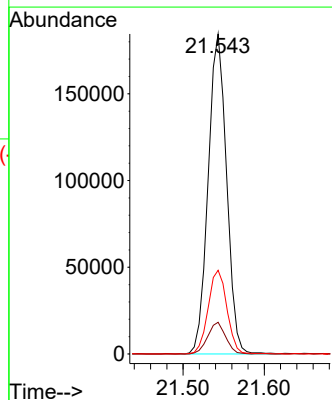
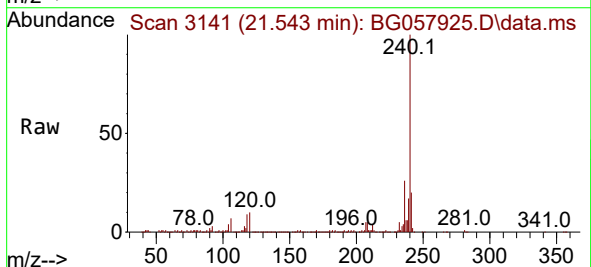
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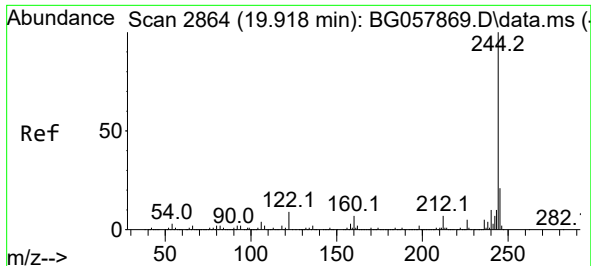
Tgt Ion:188 Resp: 348475
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.5 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057925.D
Acq: 30 Jun 2023 19:03

Tgt Ion:240 Resp: 290195
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.2 21.9 32.9

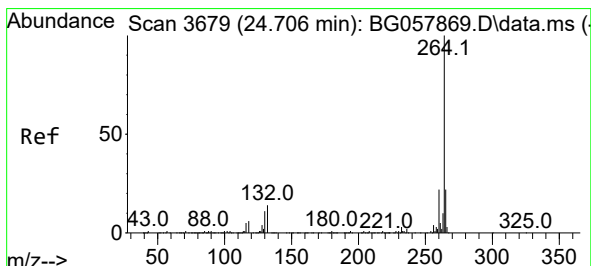
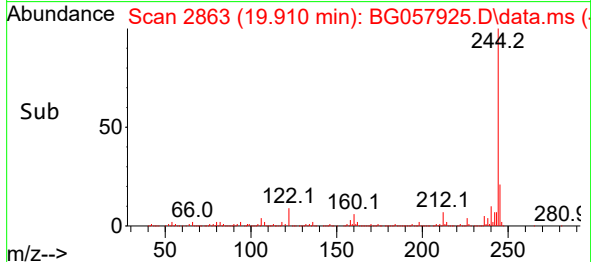
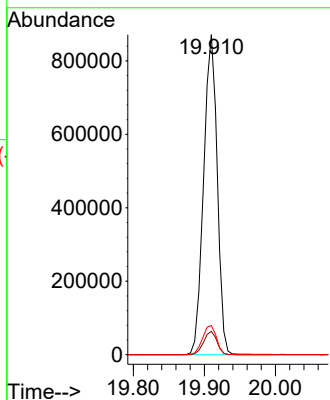
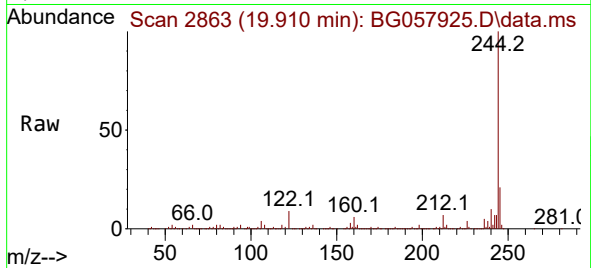




#79
 Terphenyl-d14
 Concen: 72.902 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057925.D
 Acq: 30 Jun 2023 19:03

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1160434
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.1 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.686 min Scan# 3676
 Delta R.T. -0.020 min
 Lab File: BG057925.D
 Acq: 30 Jun 2023 19:03

Tgt Ion:264 Resp: 349163
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.8
 265 21.7 17.3 25.9

