

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062923\
 Data File : BG057905.D
 Acq On : 29 Jun 2023 15:22
 Operator : CG/JU
 Sample : 03429-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

Quant Time: Jun 29 16:12:54 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	7.914	152	39689	20.000	ng	-0.01
21) Naphthalene-d8	10.717	136	156933	20.000	ng	-0.01
39) Acenaphthene-d10	14.553	164	97708	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	247241	20.000	ng	0.00
76) Chrysene-d12	21.545	240	270038	20.000	ng	-0.01
86) Perylene-d12	24.694	264	342084	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	369860	142.580	ng	0.00
7) Phenol-d6	7.086	99	486106	125.316	ng	0.00
23) Nitrobenzene-d5	9.077	82	324745	101.413	ng	-0.01
42) 2,4,6-Tribromophenol	16.040	330	235021	143.209	ng	0.00
45) 2-Fluorobiphenyl	13.173	172	622500	97.224	ng	-0.01
79) Terphenyl-d14	19.912	244	1350815	91.197	ng	0.00

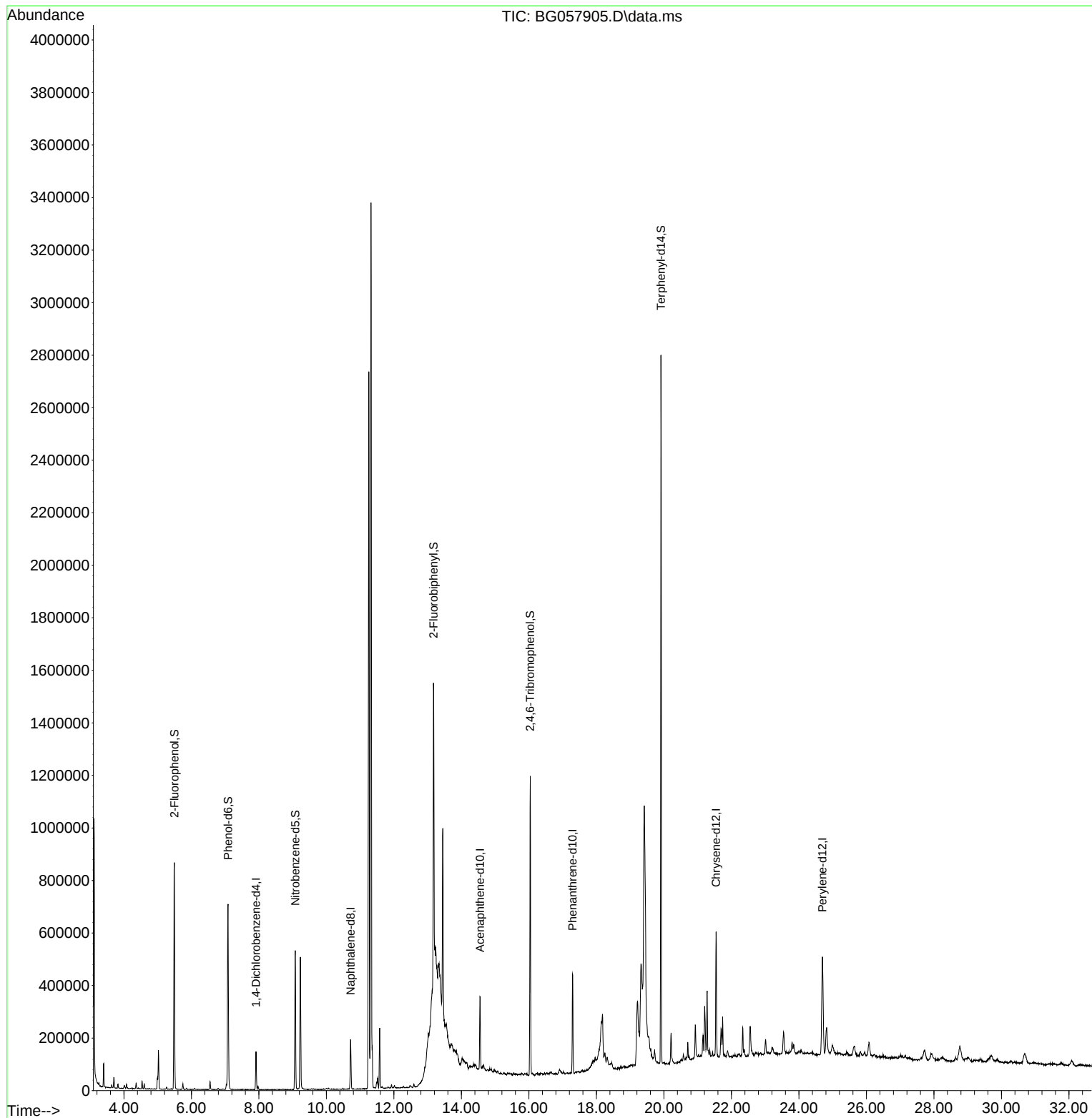
Target Compounds	Qvalue

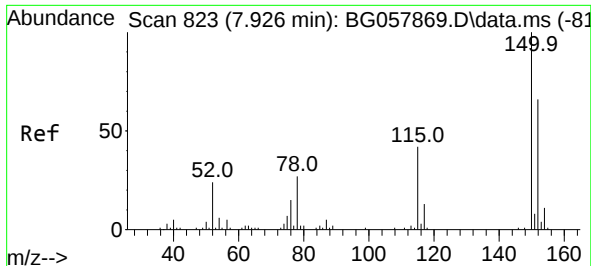
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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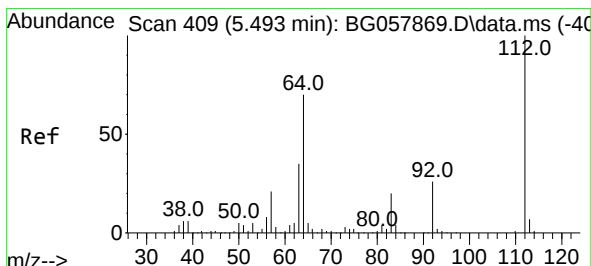
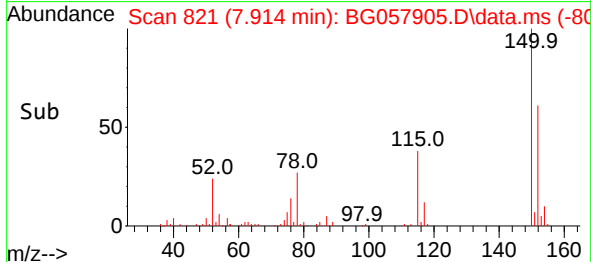
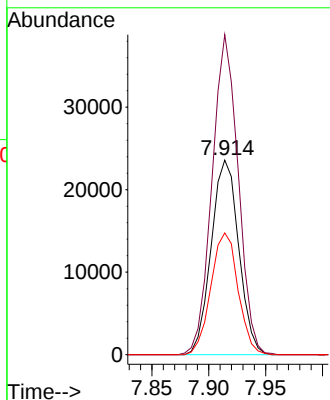
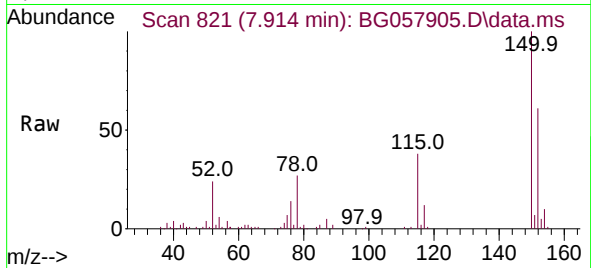




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.914 min Scan# 821
Delta R.T. -0.012 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

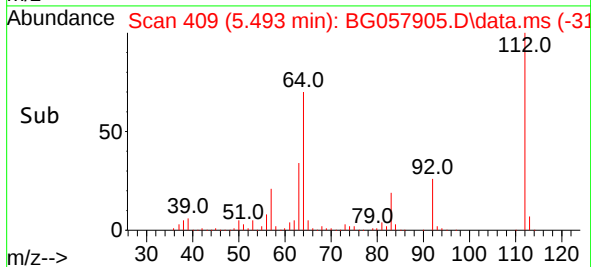
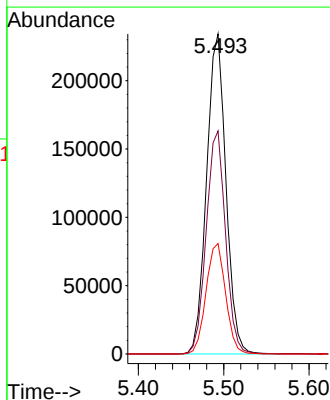
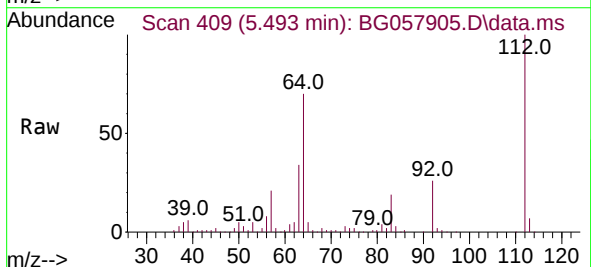
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

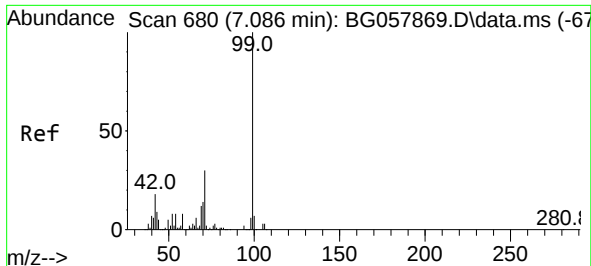
Tgt Ion:152 Resp: 39689
Ion Ratio Lower Upper
152 100
150 164.5 122.0 183.0
115 62.6 50.7 76.1



#5
2-Fluorophenol
Concen: 142.580 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.000 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

Tgt Ion:112 Resp: 369860
Ion Ratio Lower Upper
112 100
64 69.7 55.8 83.6
63 34.5 27.9 41.9

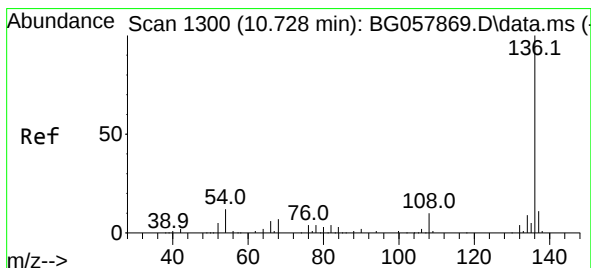
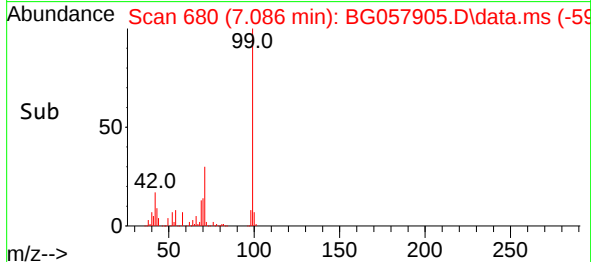
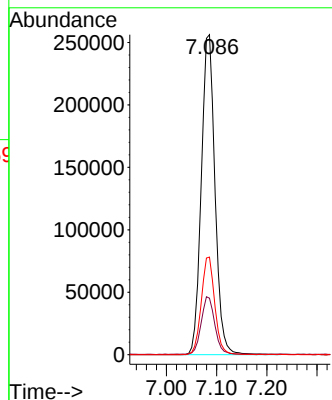
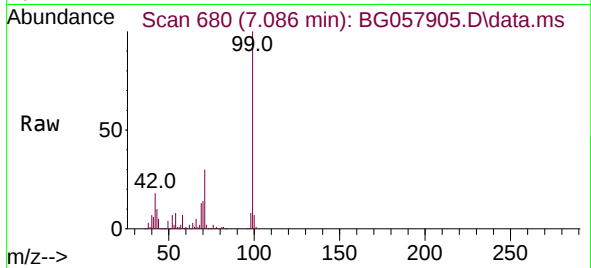




#7
Phenol-d6
Concen: 125.316 ng
RT: 7.086 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

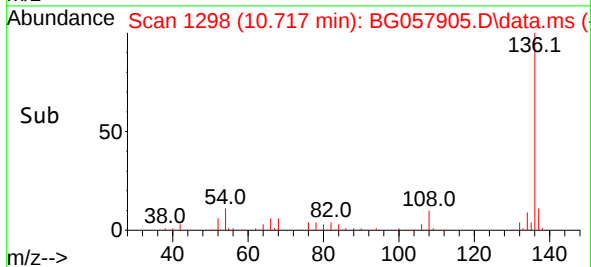
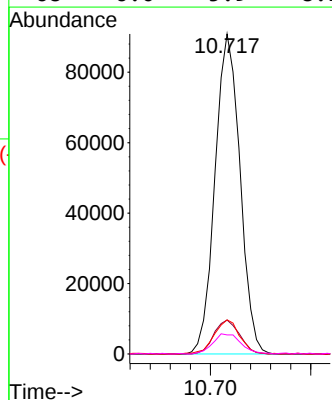
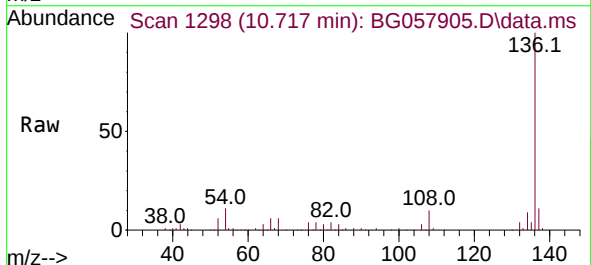
Instrument :
BNA_G
ClientSampleId :
SB-COMP-0627

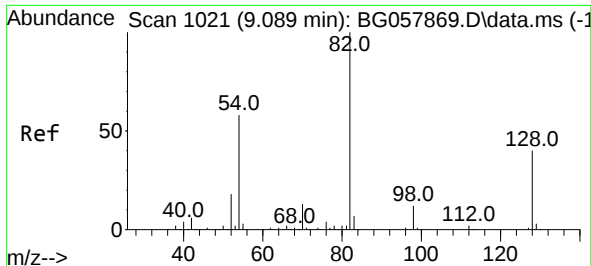
Tgt Ion: 99 Resp: 486106
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.5 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.717 min Scan# 1298
Delta R.T. -0.012 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

Tgt Ion: 136 Resp: 156933
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.7 9.3 13.9
68 6.0 5.9 8.9





#23

Nitrobenzene-d5

Concen: 101.413 ng

RT: 9.077 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BG057905.D

Acq: 29 Jun 2023 15:22

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627

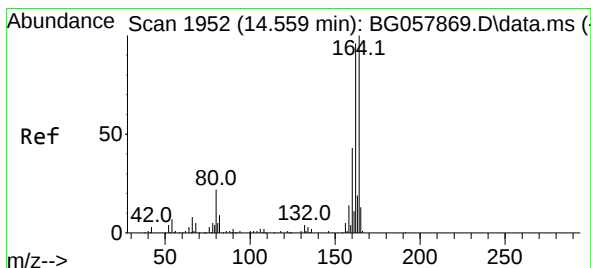
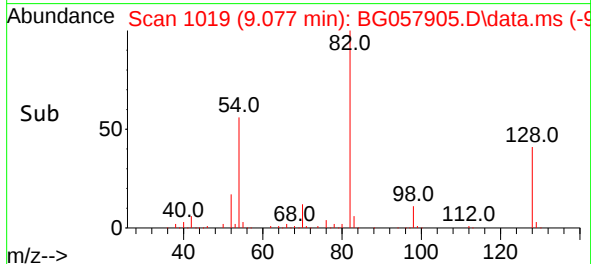
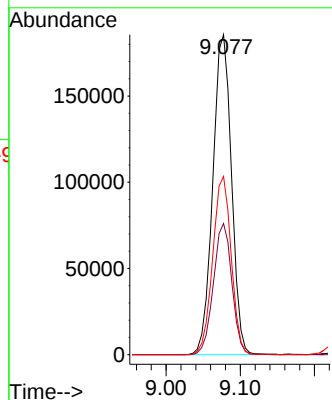
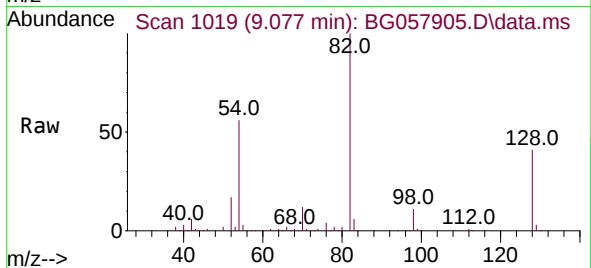
Tgt Ion: 82 Resp: 324745

Ion Ratio Lower Upper

82 100

128 41.0 32.2 48.4

54 55.7 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BG057905.D

Acq: 29 Jun 2023 15:22

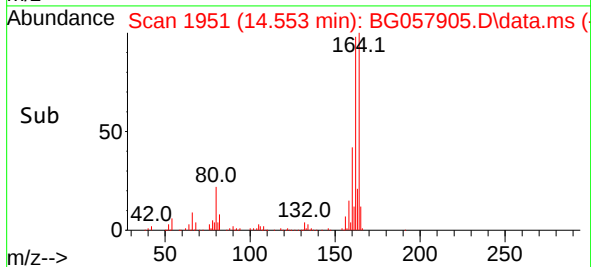
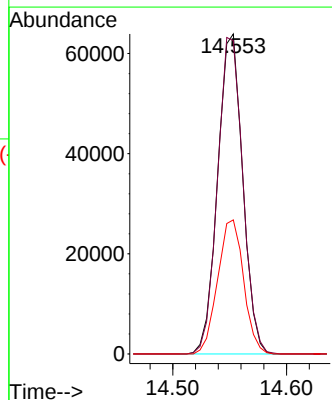
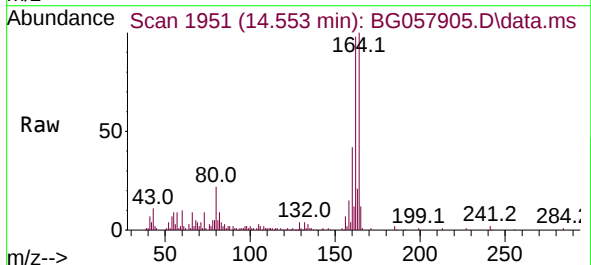
Tgt Ion:164 Resp: 97708

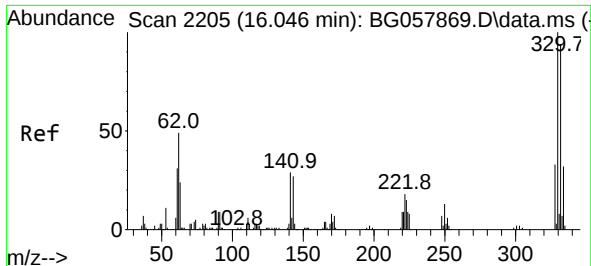
Ion Ratio Lower Upper

164 100

162 97.9 76.4 114.6

160 41.9 34.2 51.2

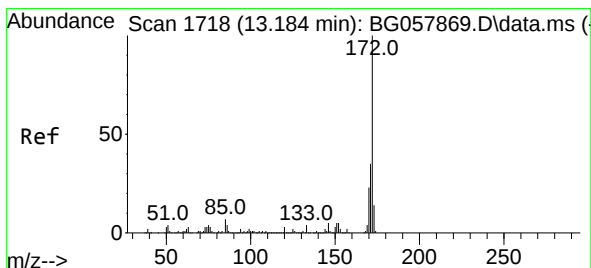
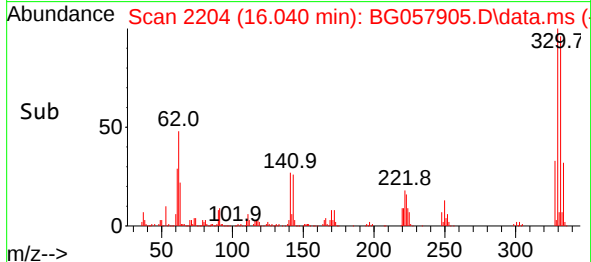
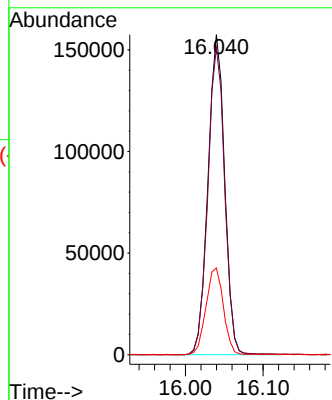
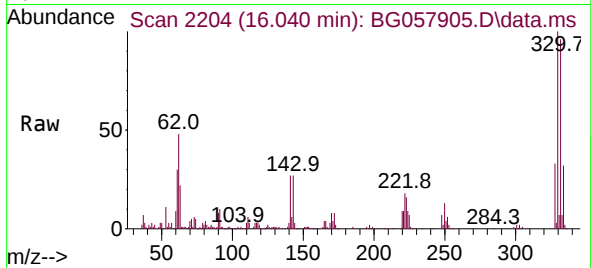




#42
2,4,6-Tribromophenol
Concen: 143.209 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

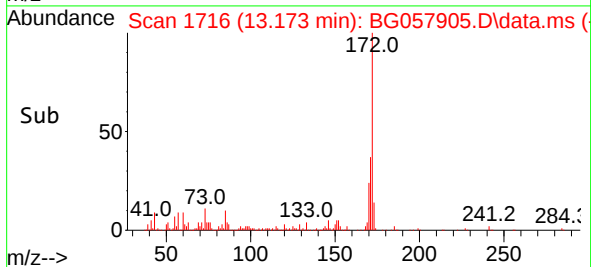
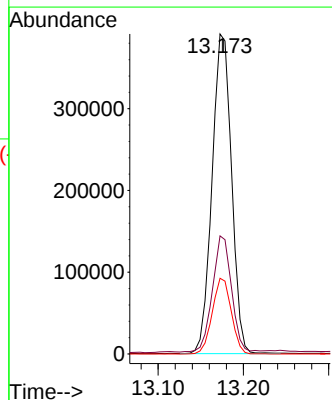
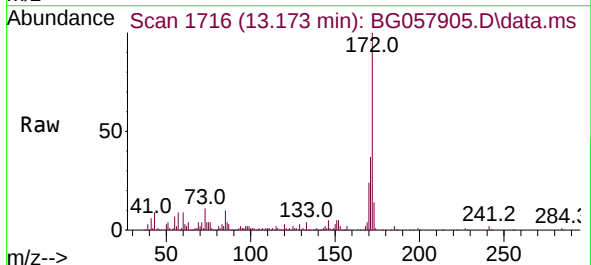
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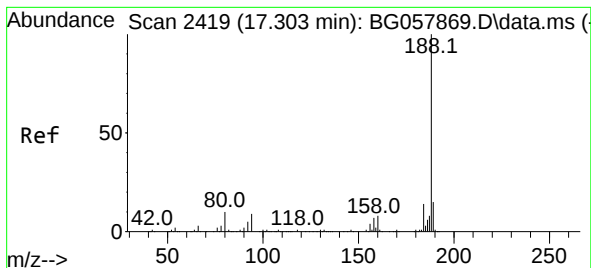
Tgt Ion:330 Resp: 235021
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 28.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 97.224 ng
RT: 13.173 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057905.D
Acq: 29 Jun 2023 15:22

Tgt Ion:172 Resp: 622500
Ion Ratio Lower Upper
172 100
171 36.9 27.8 41.8
170 23.6 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BG057905.D

Acq: 29 Jun 2023 15:22

Instrument :

BNA_G

ClientSampleId :

SB-COMP-0627

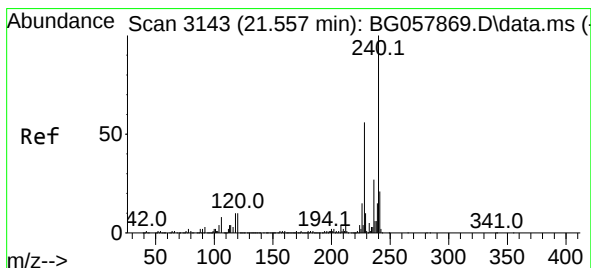
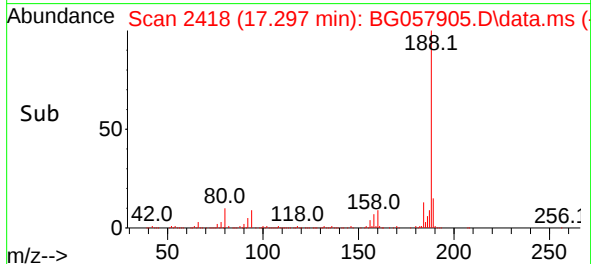
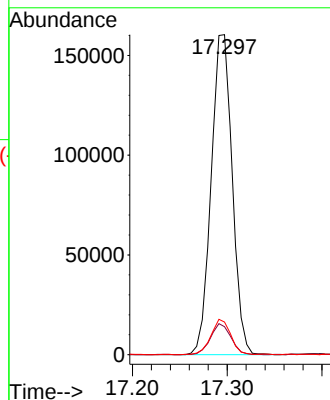
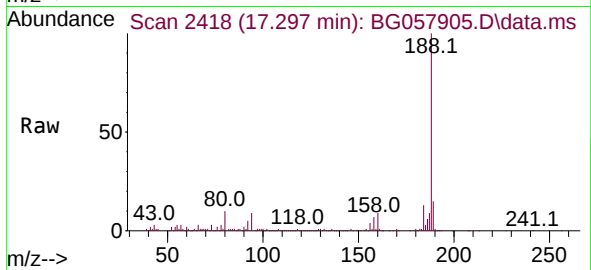
Tgt Ion:188 Resp: 247241

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

80 10.2 8.4 12.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3141

Delta R.T. -0.012 min

Lab File: BG057905.D

Acq: 29 Jun 2023 15:22

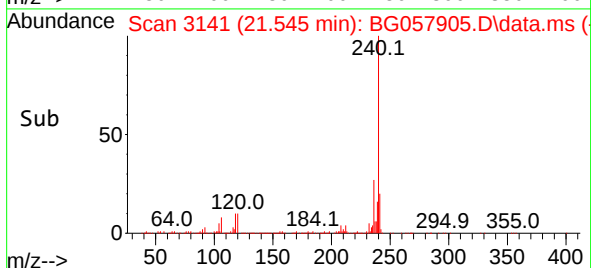
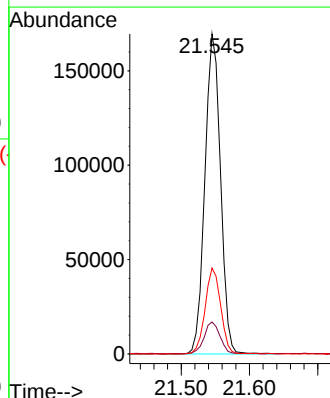
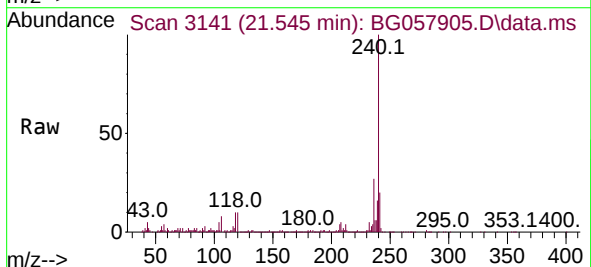
Tgt Ion:240 Resp: 270038

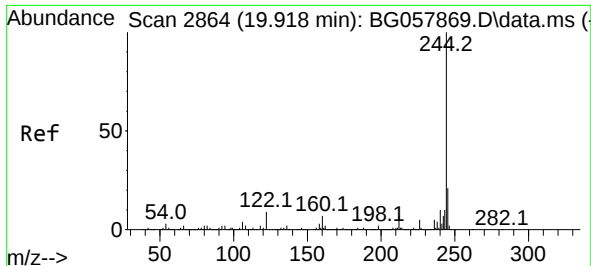
Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

236 26.8 21.9 32.9

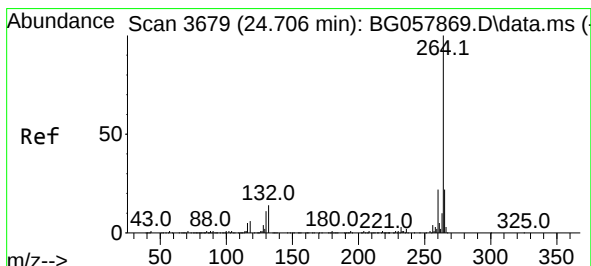
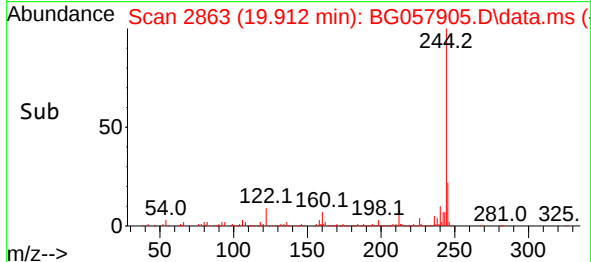
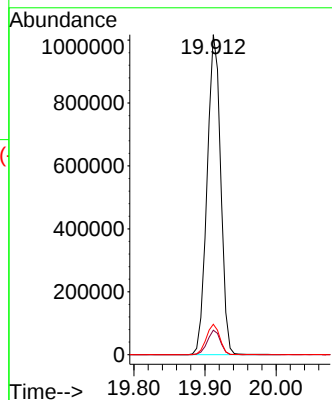
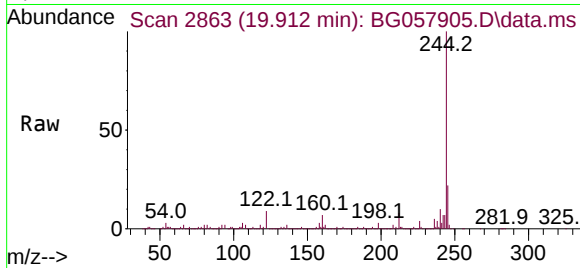




#79
 Terphenyl-d14
 Concen: 91.197 ng
 RT: 19.912 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057905.D
 Acq: 29 Jun 2023 15:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-COMP-0627

Tgt Ion:244 Resp: 1350815
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.694 min Scan# 3677
 Delta R.T. -0.012 min
 Lab File: BG057905.D
 Acq: 29 Jun 2023 15:22

Tgt Ion:264 Resp: 342084
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.8 26.8
 265 21.5 17.3 25.9

