

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057929.D
 Acq On : 30 Jun 2023 21:52
 Operator : CG/JU
 Sample : 03358-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(8-10)

Quant Time: Jul 01 02:20:41 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	39431	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	172617	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	135558	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	338423	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	286532	20.000	ng	-0.01
86) Perylene-d12	24.686	264	353045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.485	112	291958	113.285	ng	0.00
7) Phenol-d6	7.078	99	428602	111.215	ng	0.00
23) Nitrobenzene-d5	9.069	82	252211	71.605	ng	-0.02
42) 2,4,6-Tribromophenol	16.038	330	223419	98.127	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	623769	70.221	ng	-0.01
79) Terphenyl-d14	19.910	244	1176220	74.838	ng	0.00

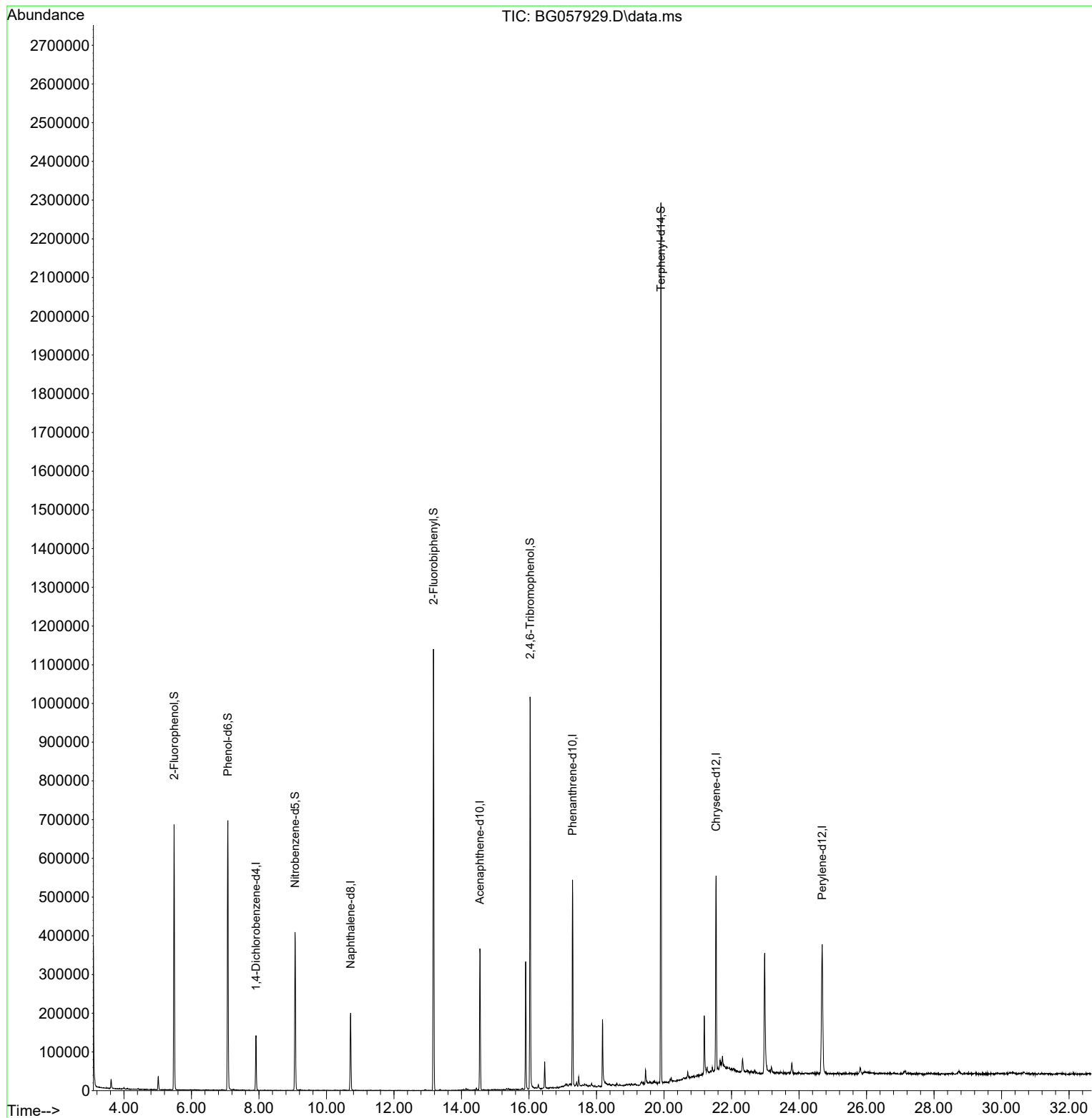
Target Compounds	Qvalue

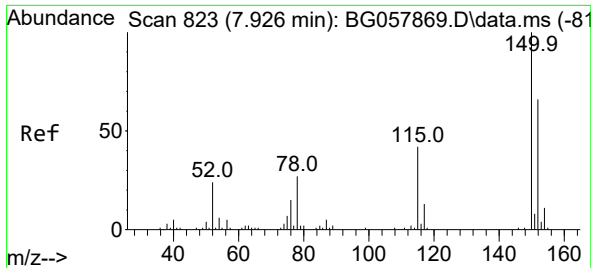
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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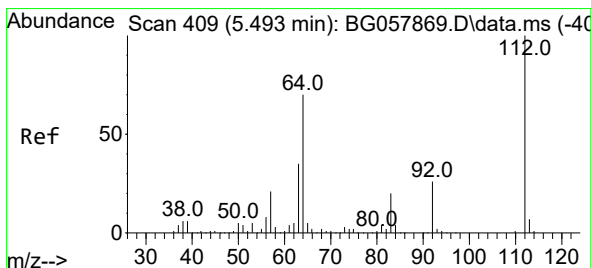
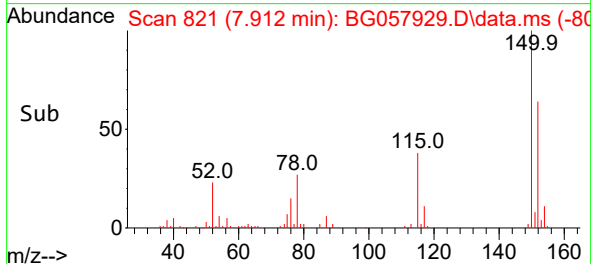
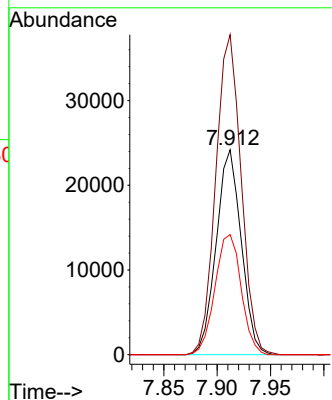
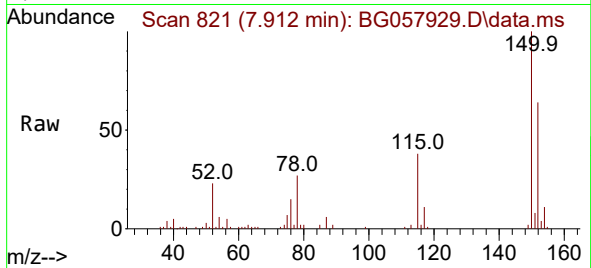




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

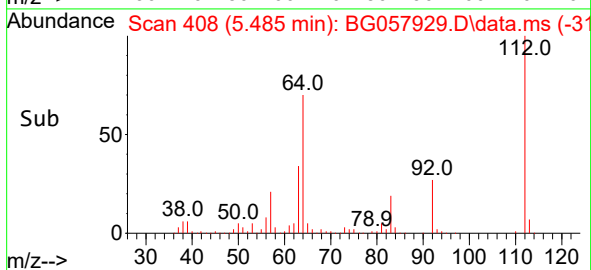
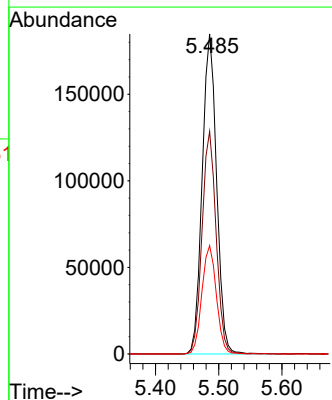
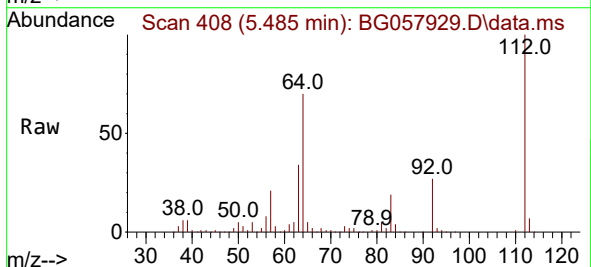
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

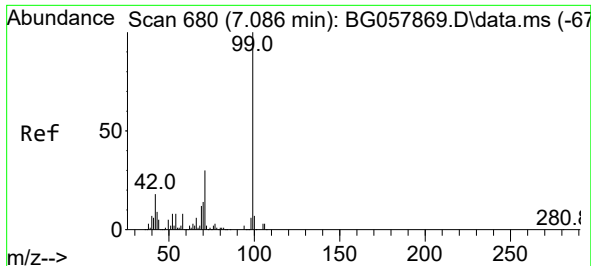
Tgt Ion:152 Resp: 39431
Ion Ratio Lower Upper
152 100
150 156.2 122.0 183.0
115 58.7 50.7 76.1



#5
2-Fluorophenol
Concen: 113.285 ng
RT: 5.485 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:112 Resp: 291958
Ion Ratio Lower Upper
112 100
64 69.6 55.8 83.6
63 33.9 27.9 41.9

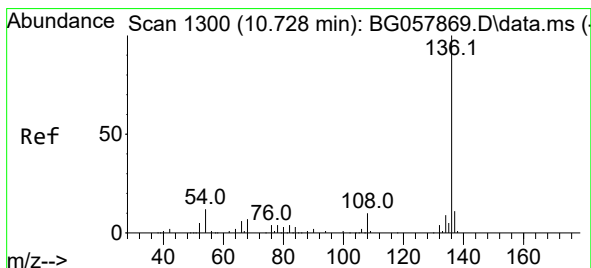
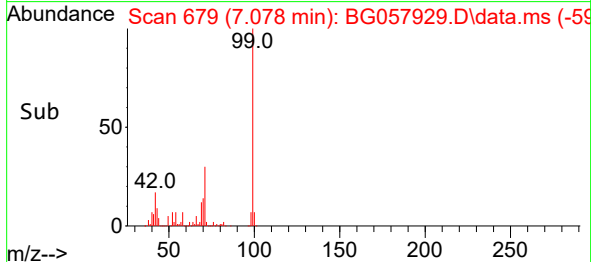
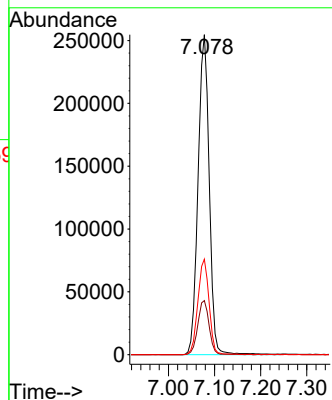
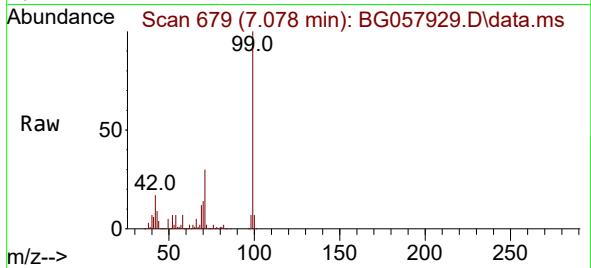




#7
Phenol-d6
Concen: 111.215 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

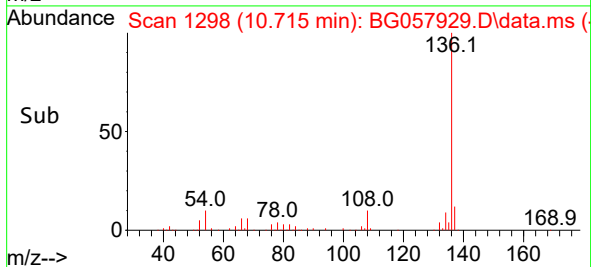
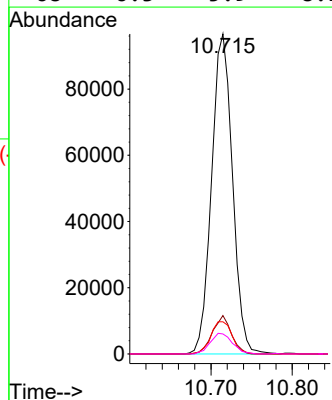
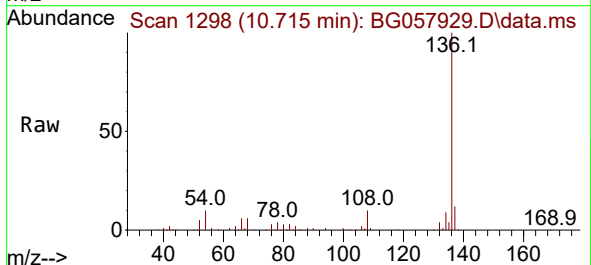
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

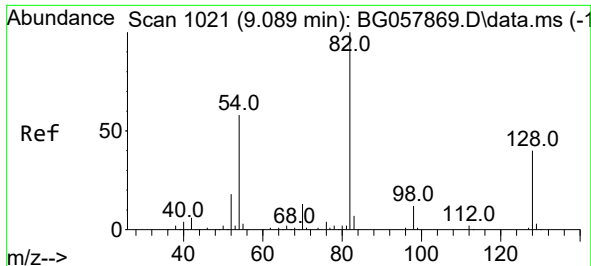
Tgt Ion: 99 Resp: 428602
Ion Ratio Lower Upper
99 100
42 16.9 14.2 21.4
71 29.8 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion: 136 Resp: 172617
Ion Ratio Lower Upper
136 100
137 12.0 8.6 12.8
54 10.1 9.3 13.9
68 6.3 5.9 8.9

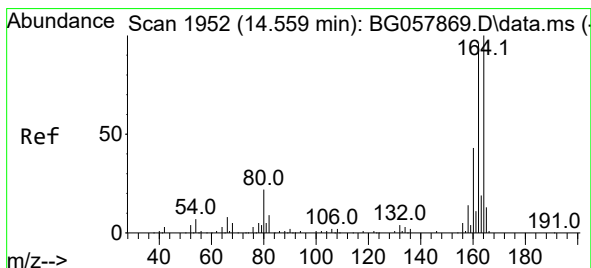
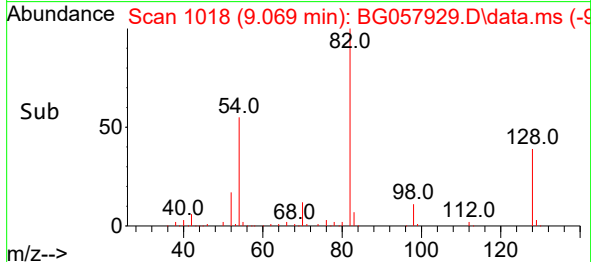
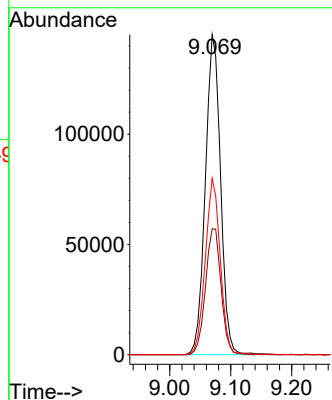
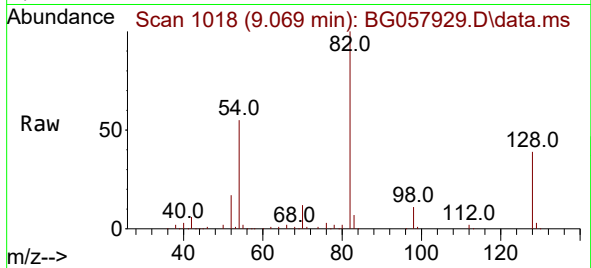




#23
Nitrobenzene-d5
Concen: 71.605 ng
RT: 9.069 min Scan# 1018
Delta R.T. -0.020 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

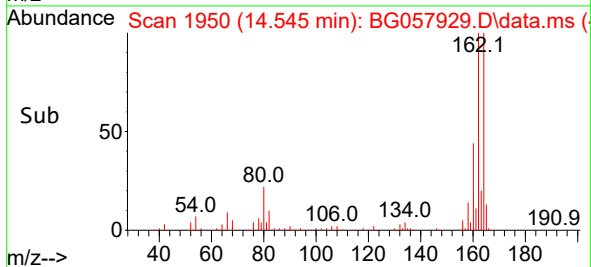
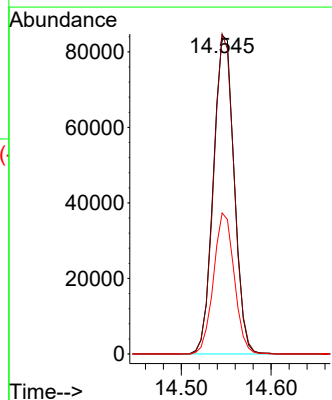
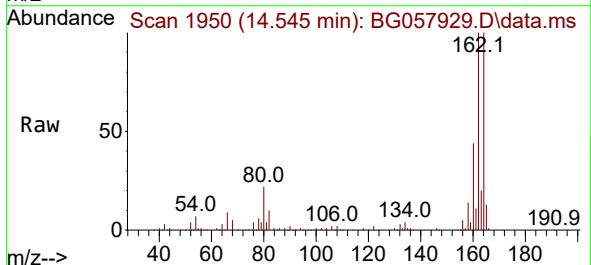
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

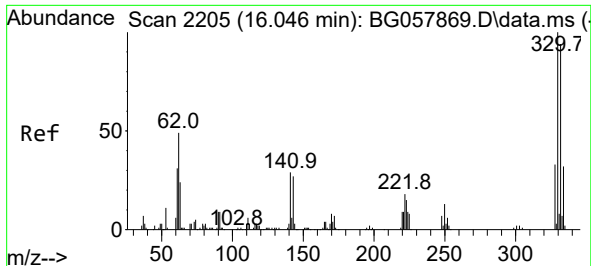
Tgt Ion: 82 Resp: 252211
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.4
54 55.1 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:164 Resp: 135558
Ion Ratio Lower Upper
164 100
162 100.3 76.4 114.6
160 44.2 34.2 51.2

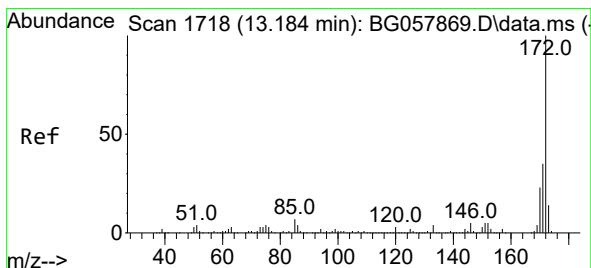
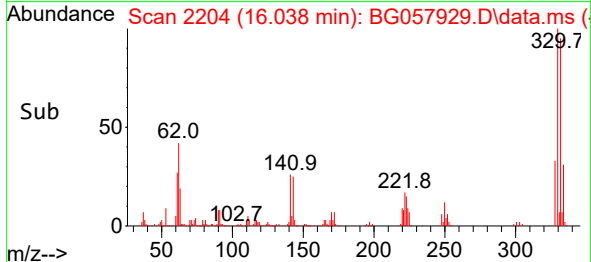
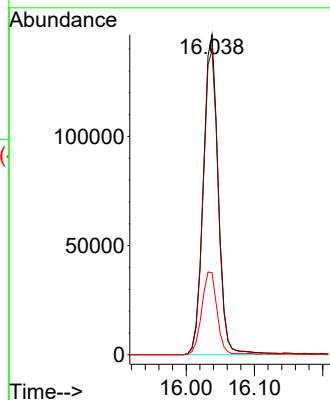
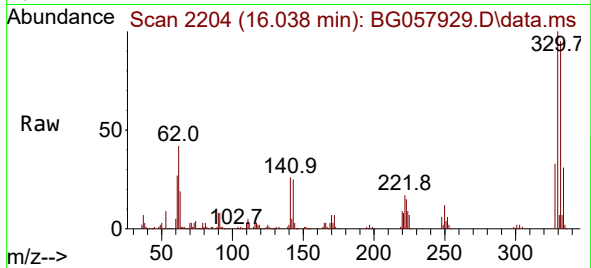




#42
2,4,6-Tribromophenol
Concen: 98.127 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

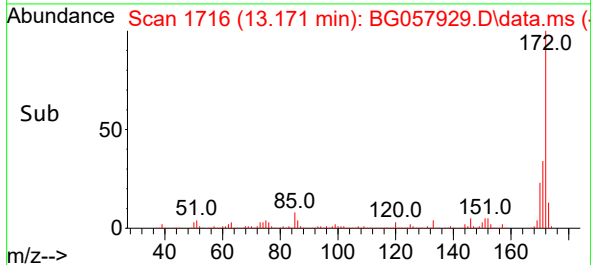
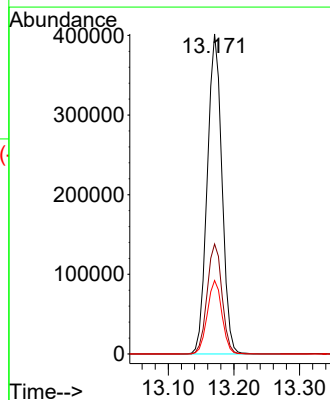
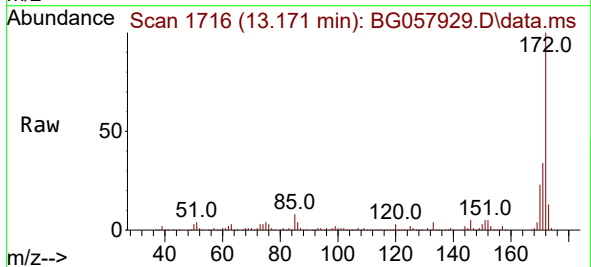
Instrument :
BNA_G
ClientSampleId :
SB-6-(8-10)

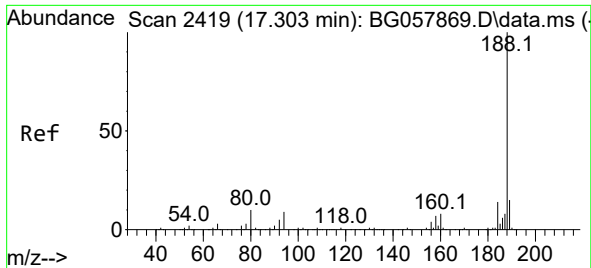
Tgt Ion:330 Resp: 223419
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 26.3 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 70.221 ng
RT: 13.171 min Scan# 1716
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:172 Resp: 623769
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.0 18.6 27.8

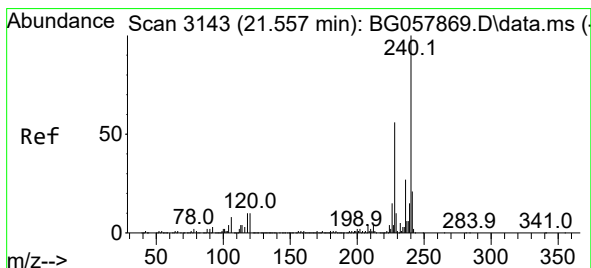
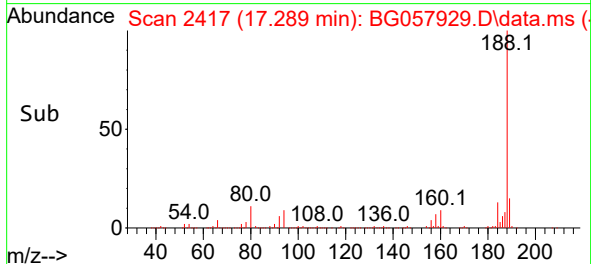
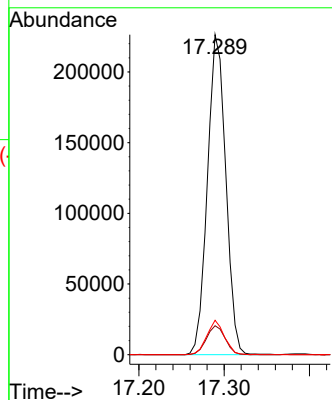
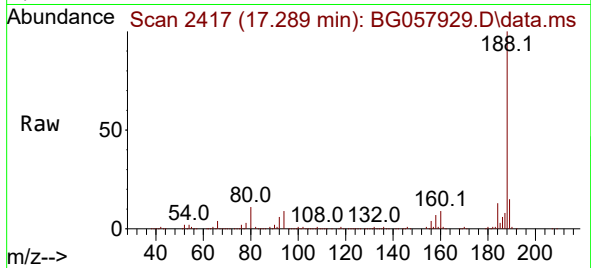




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2419
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

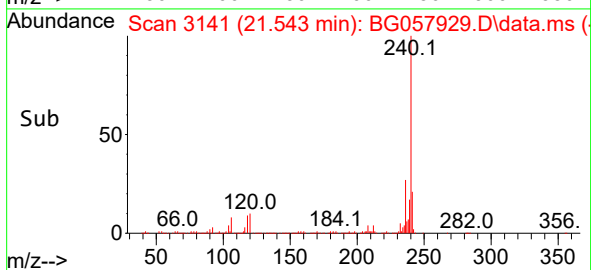
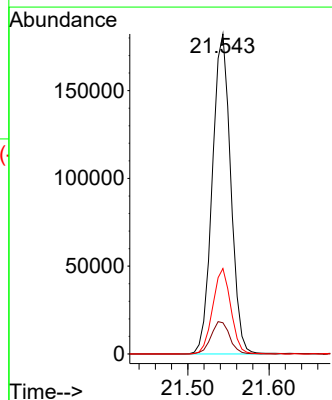
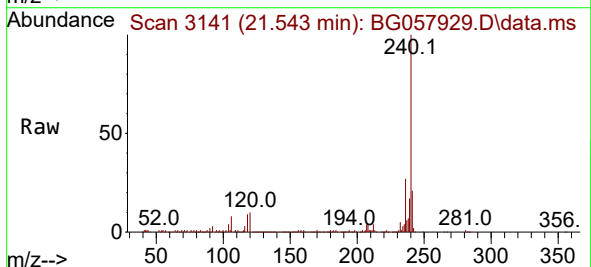
Instrument :
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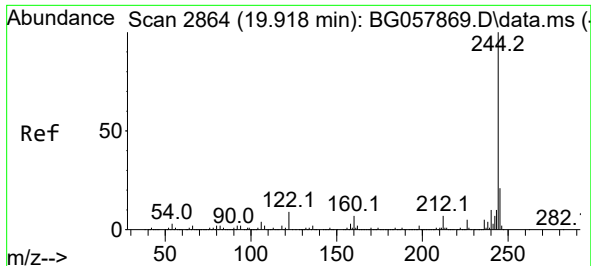
Tgt Ion:188 Resp: 338423
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.8 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.014 min
Lab File: BG057929.D
Acq: 30 Jun 2023 21:52

Tgt Ion:240 Resp: 286532
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.7 21.9 32.9

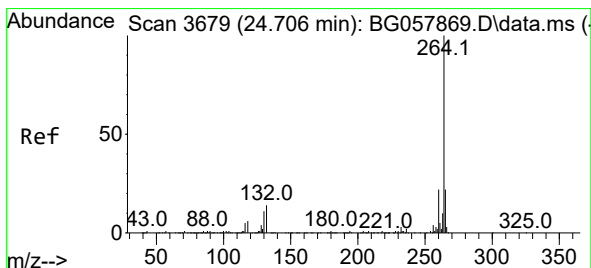
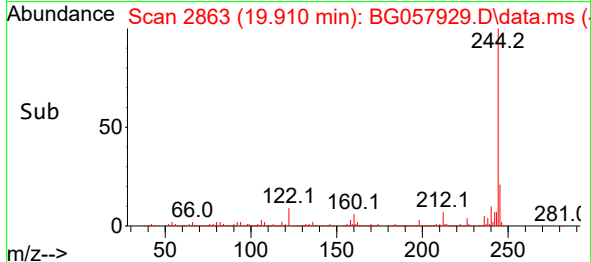
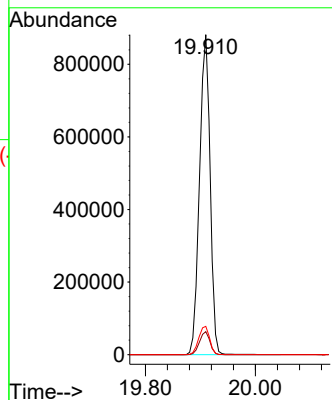
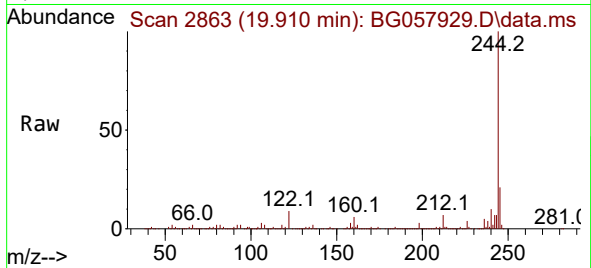




#79
 Terphenyl-d14
 Concen: 74.838 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG057929.D
 Acq: 30 Jun 2023 21:52

Instrument :
 BNA_G
 ClientSampleId :
 SB-6-(8-10)

Tgt Ion:244 Resp: 1176220
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.9 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: BG057929.D
 Acq: 30 Jun 2023 21:52

Tgt Ion:264 Resp: 353045
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.8 26.8
 265 22.2 17.3 25.9

