

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063023\
 Data File : BG057928.D
 Acq On : 30 Jun 2023 21:10
 Operator : CG/JU
 Sample : 03358-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-(8-10)

Quant Time: Jul 01 02:20:22 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	35749	20.000	ng	-0.01
21) Naphthalene-d8	10.715	136	154516	20.000	ng	-0.01
39) Acenaphthene-d10	14.546	164	124842	20.000	ng	-0.01
64) Phenanthrene-d10	17.290	188	312406	20.000	ng	-0.01
76) Chrysene-d12	21.543	240	257764	20.000	ng	-0.01
86) Perylene-d12	24.687	264	314774	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	385007	164.777	ng	0.00
7) Phenol-d6	7.078	99	582830	166.811	ng	0.00
23) Nitrobenzene-d5	9.076	82	342493	108.628	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	342636	163.406	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	860485	105.184	ng	-0.01
79) Terphenyl-d14	19.910	244	1641265	116.082	ng	0.00

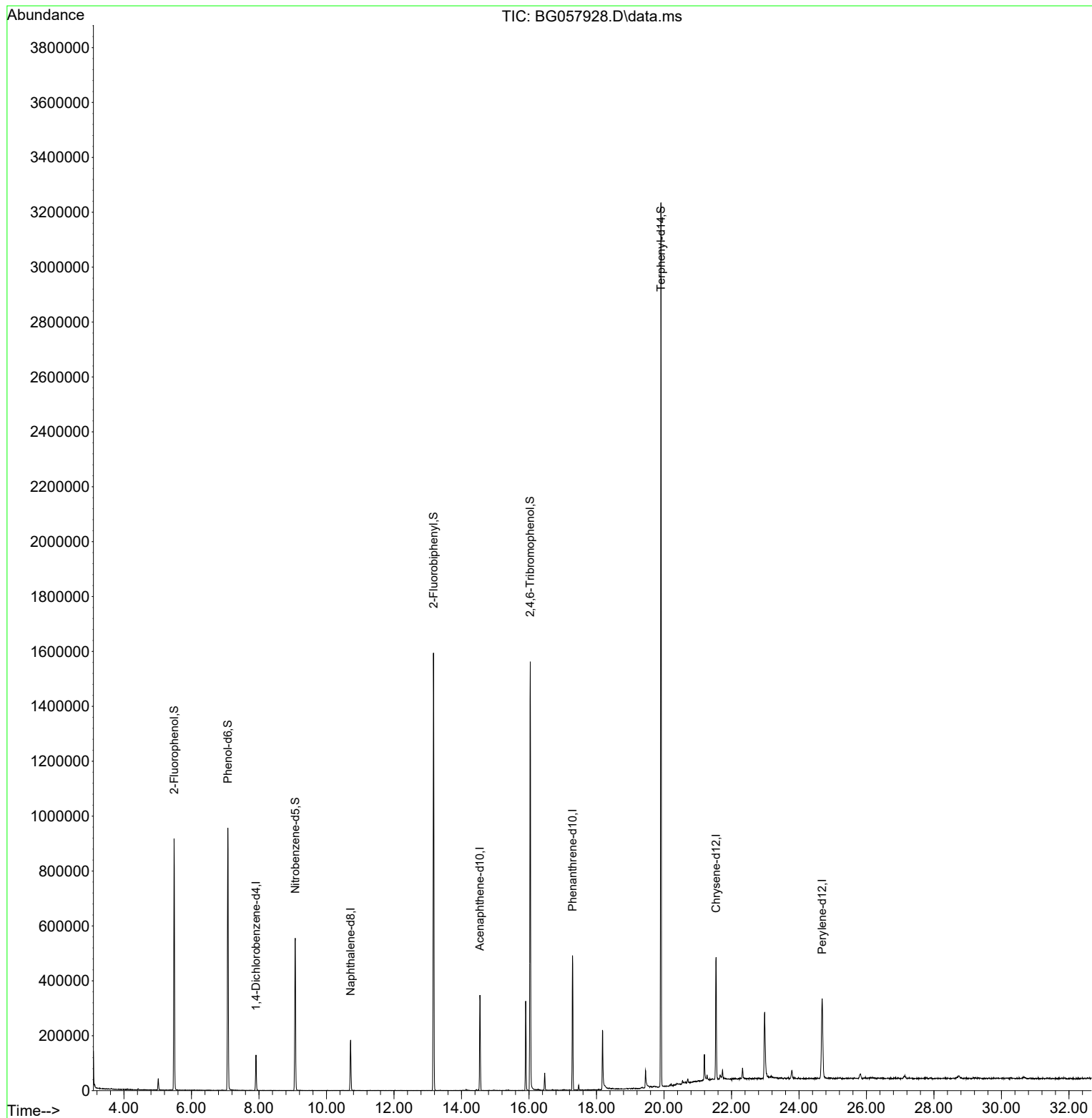
Target Compounds	Qvalue

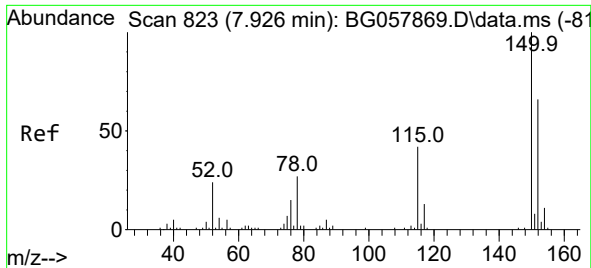
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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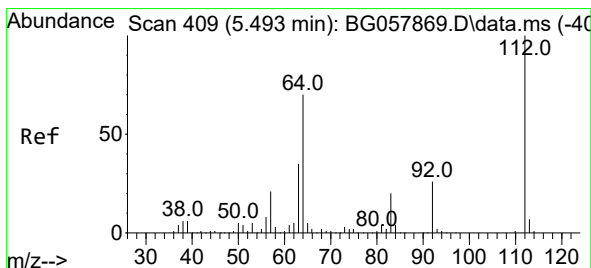
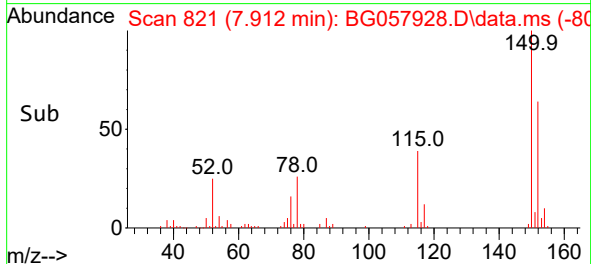
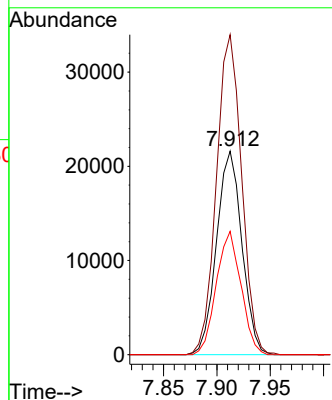
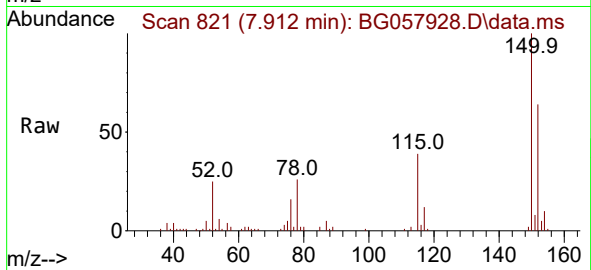




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.912 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

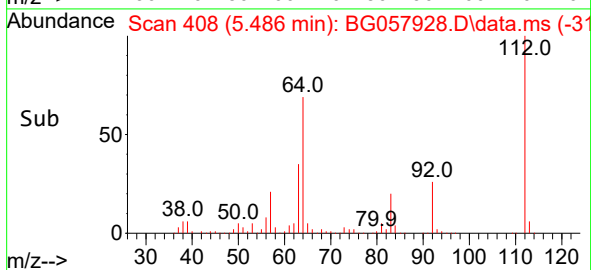
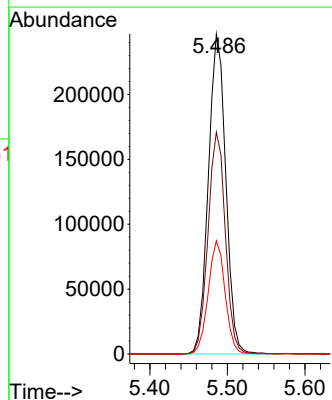
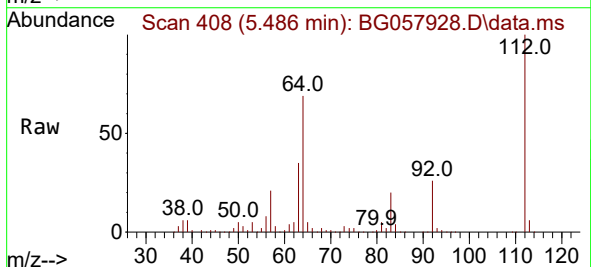
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

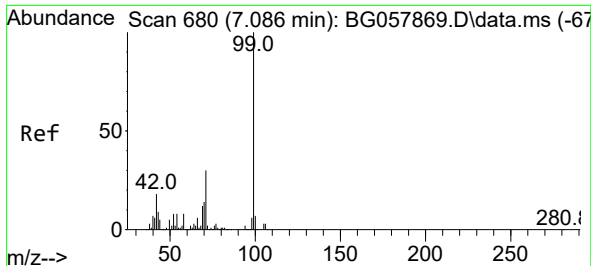
Tgt Ion:152 Resp: 35749
Ion Ratio Lower Upper
152 100
150 157.2 122.0 183.0
115 60.6 50.7 76.1



#5
2-Fluorophenol
Concen: 164.777 ng
RT: 5.486 min Scan# 408
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:112 Resp: 385007
Ion Ratio Lower Upper
112 100
64 69.3 55.8 83.6
63 35.4 27.9 41.9

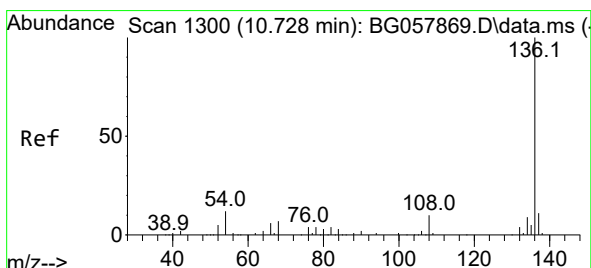
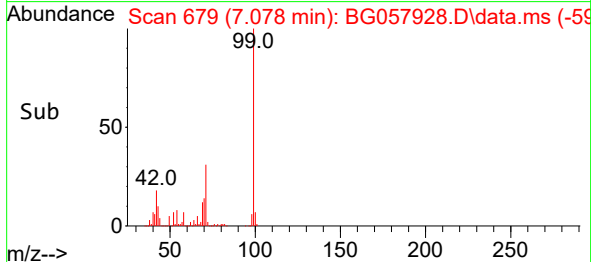
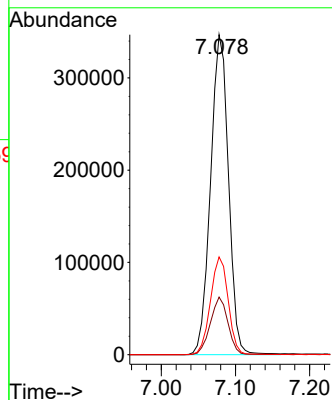
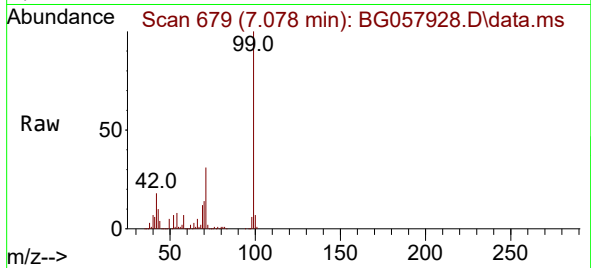




#7
Phenol-d6
Concen: 166.811 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

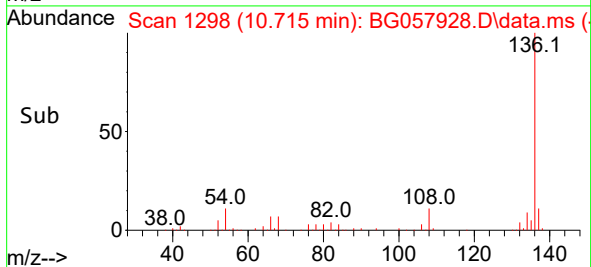
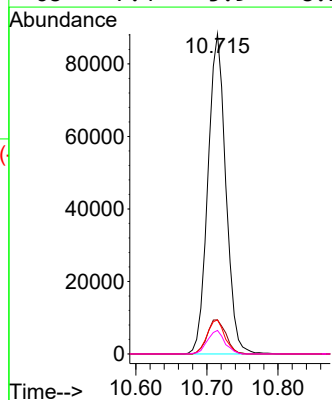
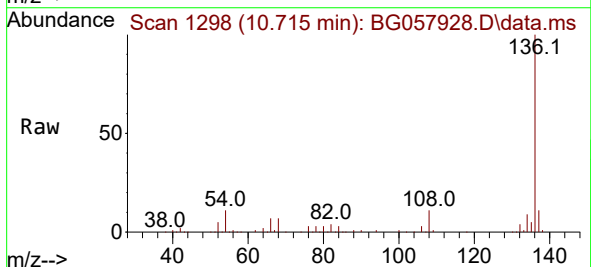
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

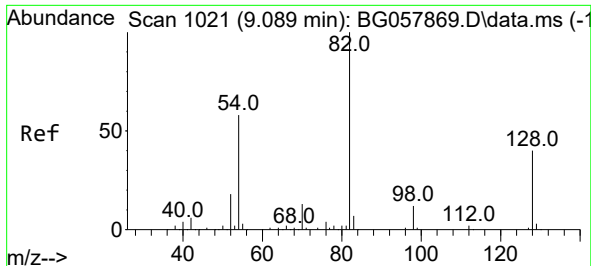
Tgt Ion: 99 Resp: 582830
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.6 23.9 35.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1298
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion: 136 Resp: 154516
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.7 9.3 13.9
68 7.4 5.9 8.9

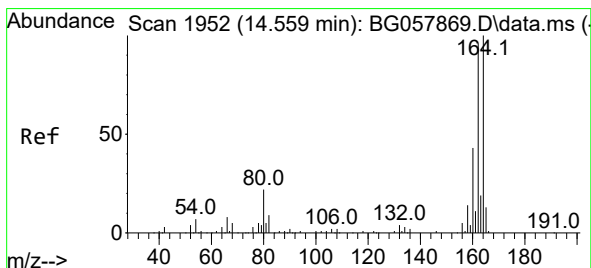
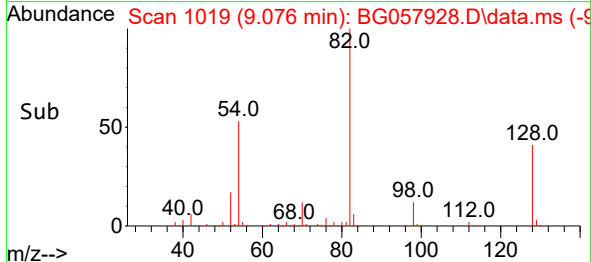
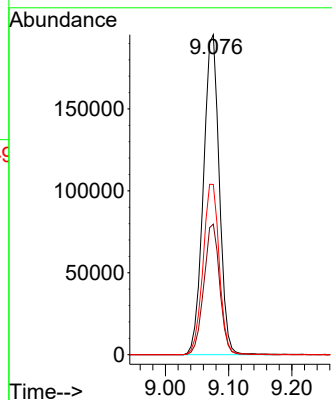
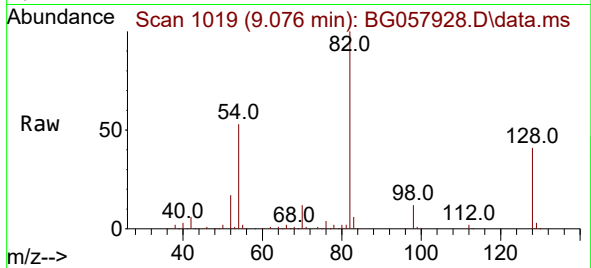




#23
Nitrobenzene-d5
Concen: 108.628 ng
RT: 9.076 min Scan# 1019
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

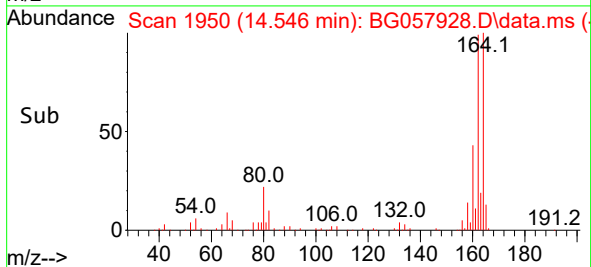
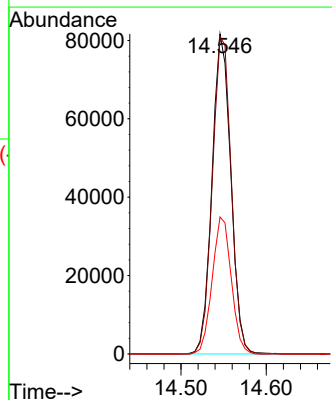
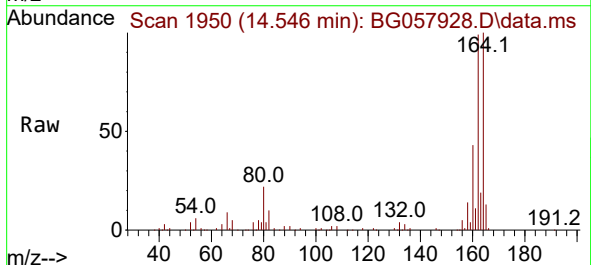
Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

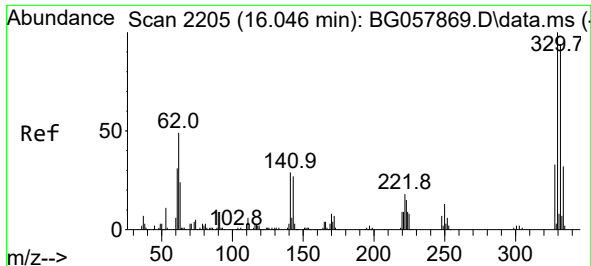
Tgt Ion: 82 Resp: 342493
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.4
54 53.2 46.1 69.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1950
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:164 Resp: 124842
Ion Ratio Lower Upper
164 100
162 99.2 76.4 114.6
160 42.8 34.2 51.2

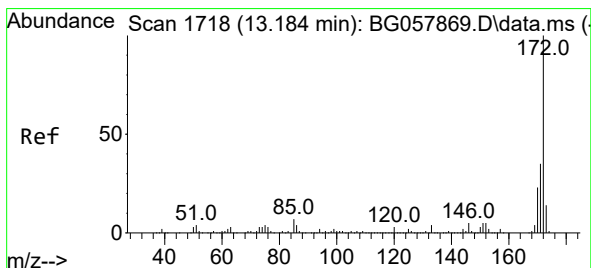
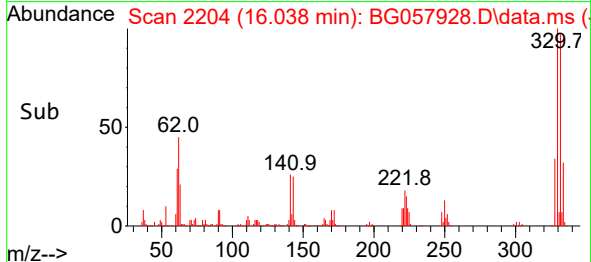
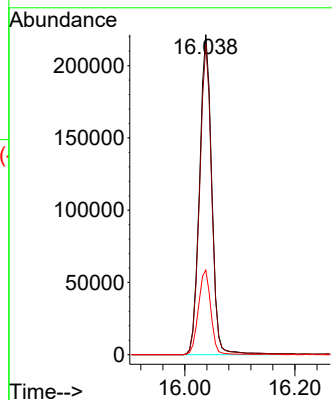
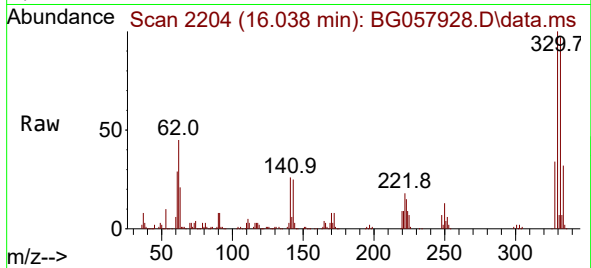




#42
2,4,6-Tribromophenol
Concen: 163.406 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

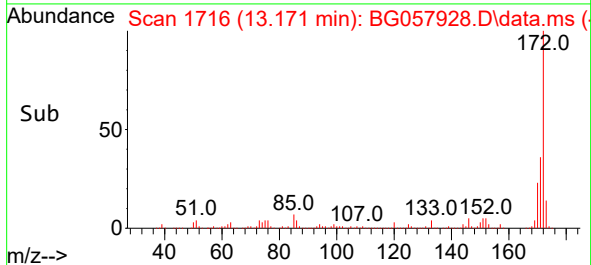
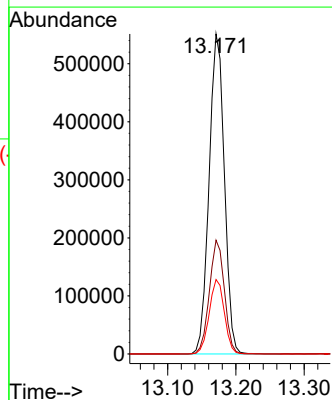
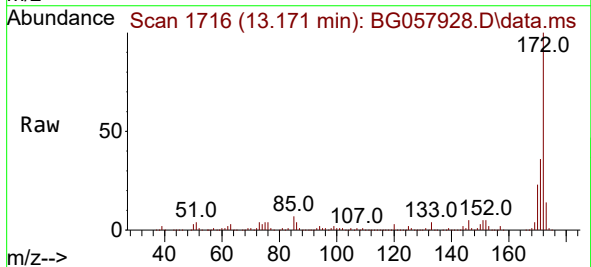
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SB-1-(8-10)

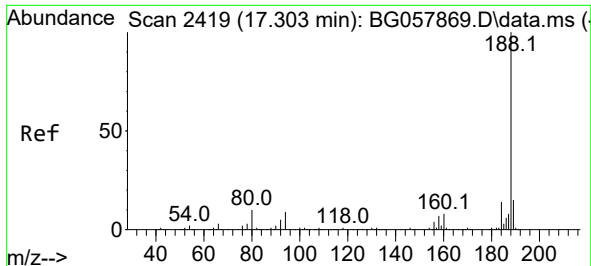
Tgt Ion:330 Resp: 342636
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 26.7 22.2 33.4



#45
2-Fluorobiphenyl
Concen: 105.184 ng
RT: 13.171 min Scan# 1716
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:172 Resp: 860485
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.3 18.6 27.8

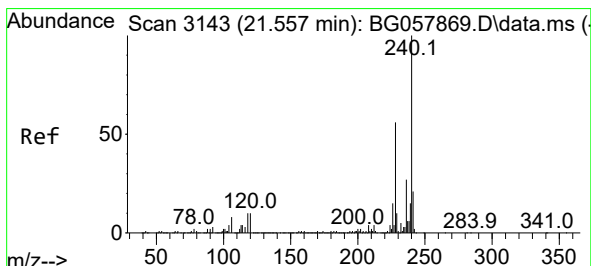
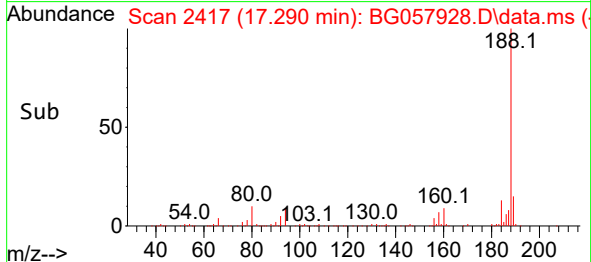
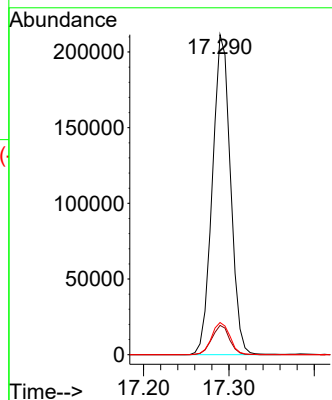
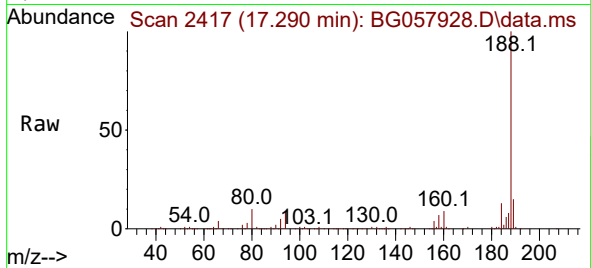




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.290 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

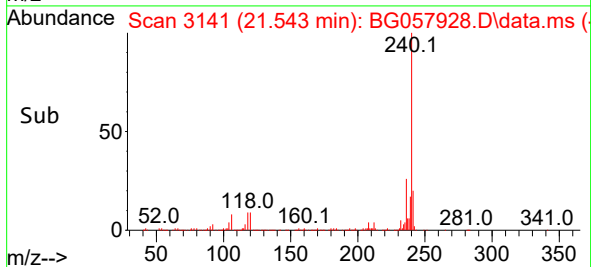
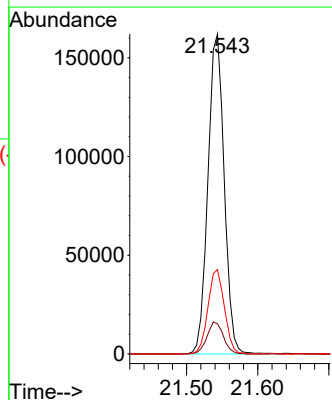
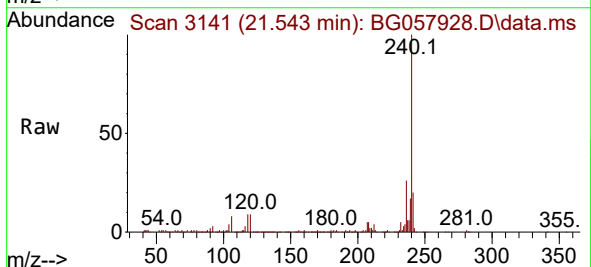
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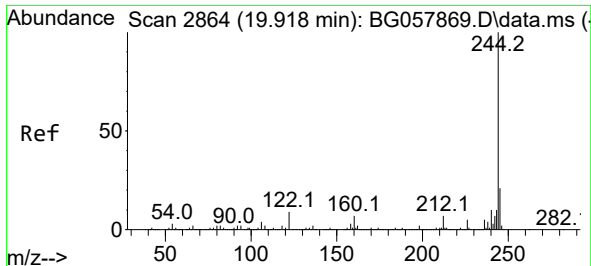
Tgt Ion:188 Resp: 312406
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.543 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:240 Resp: 257764
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 26.3 21.9 32.9

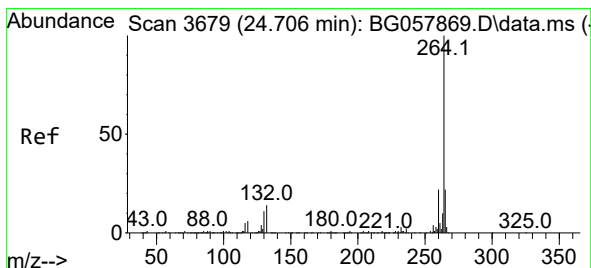
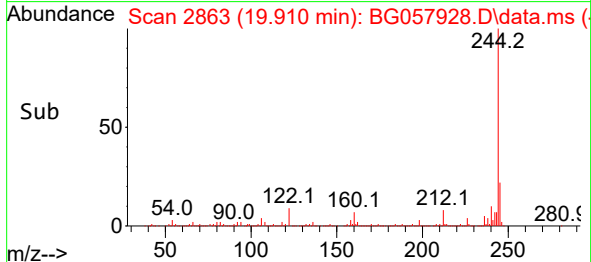
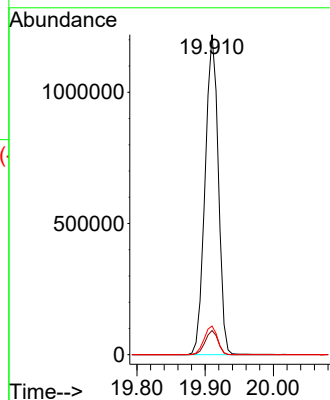
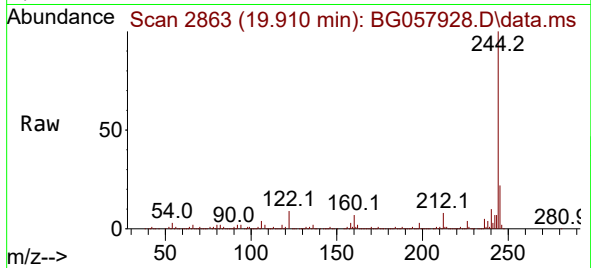




#79
Terphenyl-d14
Concen: 116.082 ng
RT: 19.910 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Instrument :
BNA_G
ClientSampleId :
SB-1-(8-10)

Tgt Ion:244 Resp: 1641265
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 9.0 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.687 min Scan# 3676
Delta R.T. -0.019 min
Lab File: BG057928.D
Acq: 30 Jun 2023 21:10

Tgt Ion:264 Resp: 314774
Ion Ratio Lower Upper
264 100
260 23.5 17.8 26.8
265 21.6 17.3 25.9

