

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053679.D
 Acq On : 24 May 2022 10:47
 Operator : CG/JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

Quant Time: May 24 15:00:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	25135	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	102078	20.000	ng	0.00
39) Acenaphthene-d10	14.687	164	75081	20.000	ng	0.00
64) Phenanthrene-d10	17.430	188	186986	20.000	ng	0.00
76) Chrysene-d12	21.713	240	198909	20.000	ng	0.00
86) Perylene-d12	24.973	264	187965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	200904	135.652	ng	0.00
7) Phenol-d6	7.232	99	285067	126.827	ng	0.00
23) Nitrobenzene-d5	9.218	82	201522	84.038	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	136587	123.345	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	451264	87.828	ng	0.00
79) Terphenyl-d14	20.039	244	972110	91.023	ng	0.00

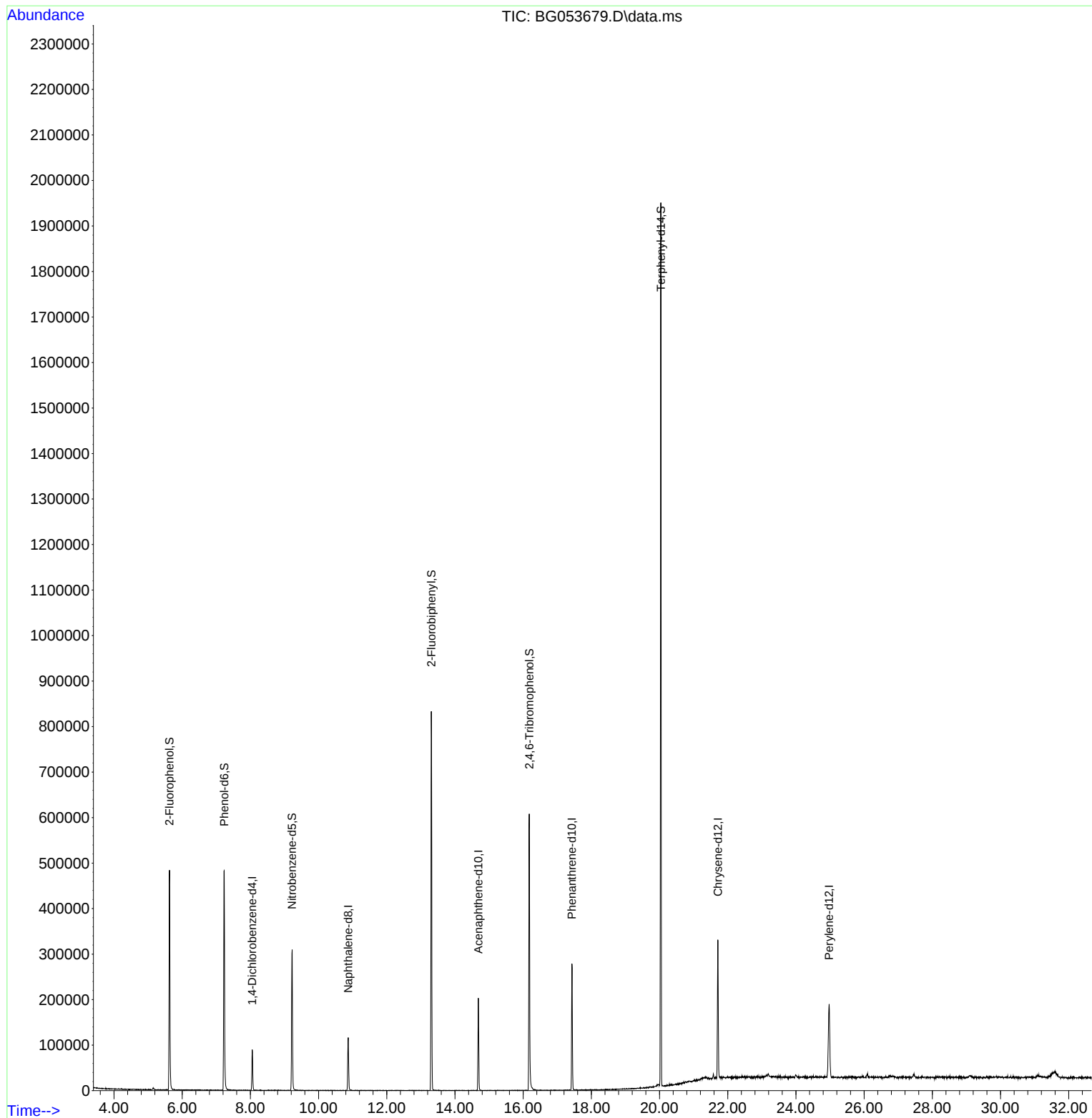
Target Compounds	Qvalue

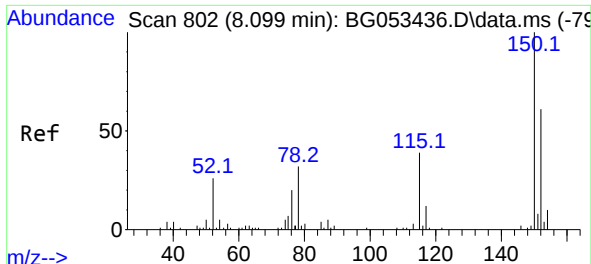
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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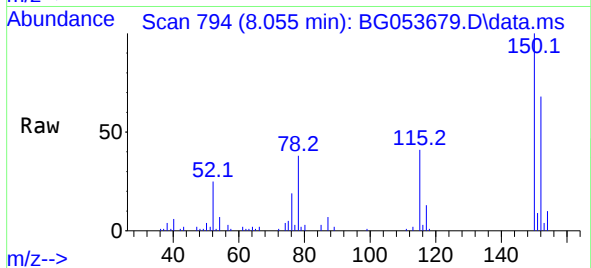
Quant Time: May 24 15:00:00 2022
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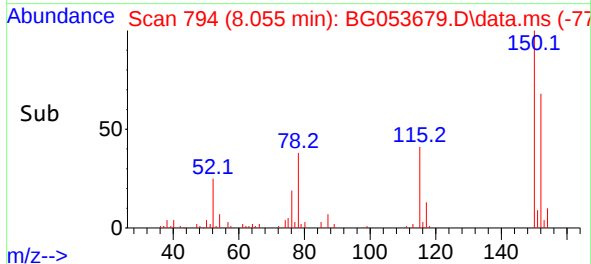
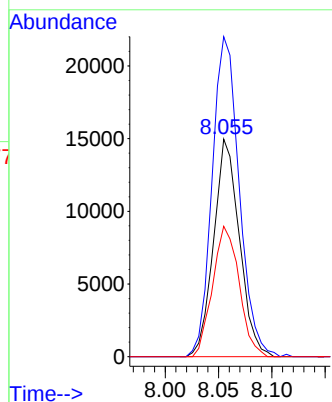


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 794
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Instrument :
BNA_G
ClientSampleId :
PB145019BL

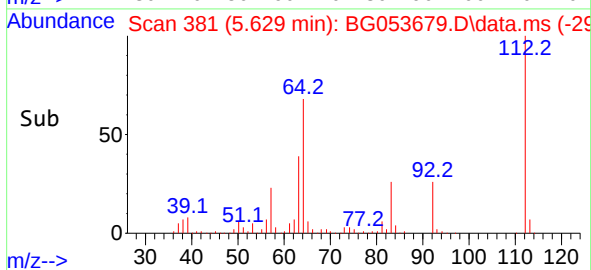
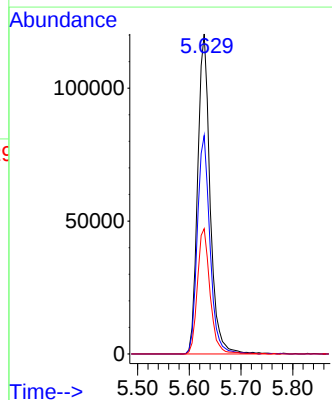
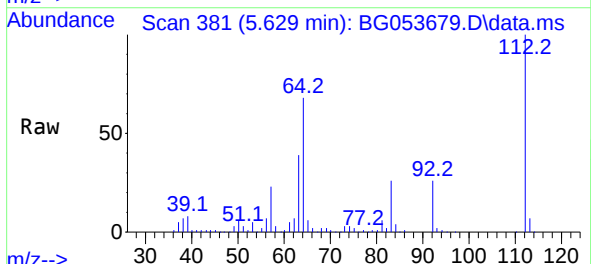


Tgt Ion:152 Resp: 25135
Ion Ratio Lower Upper
152 100
150 147.0 131.6 197.4
115 59.9 50.9 76.3



#5
2-Fluorophenol
Concen: 135.652 ng
RT: 5.629 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:112 Resp: 200904
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 39.1 30.4 45.6

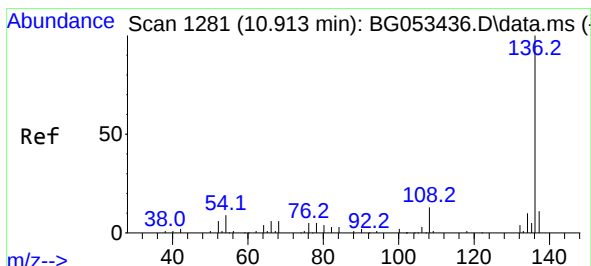
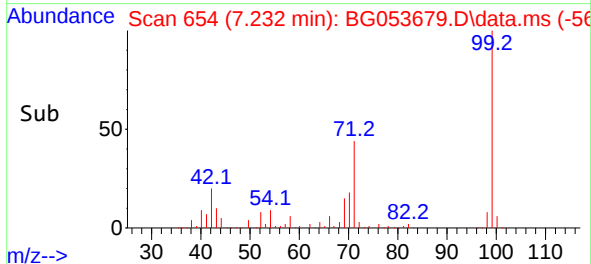
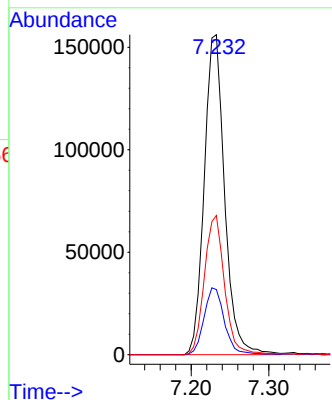
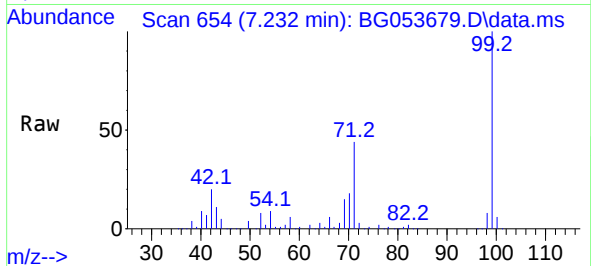




#7
Phenol-d6
Concen: 126.827 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

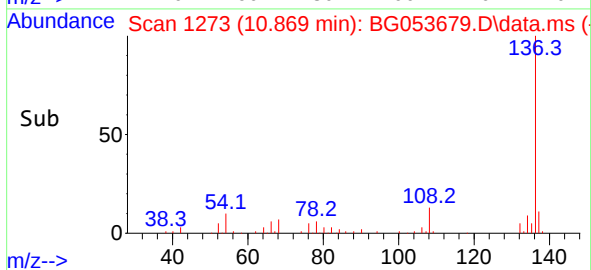
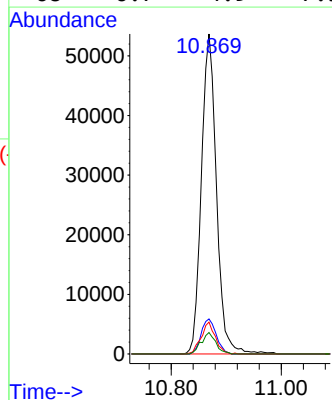
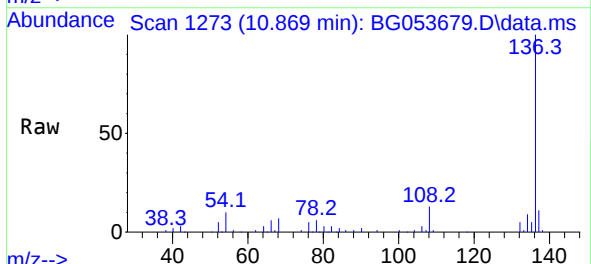
Instrument :
BNA_G
ClientSampleId :
PB145019BL

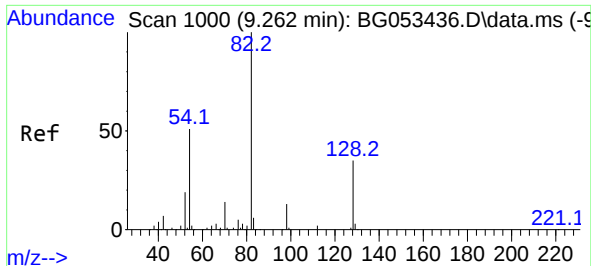
Tgt Ion: 99 Resp: 285067
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 43.5 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 1273
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion: 136 Resp: 102078
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.9 7.4 11.2
68 6.7 4.9 7.3

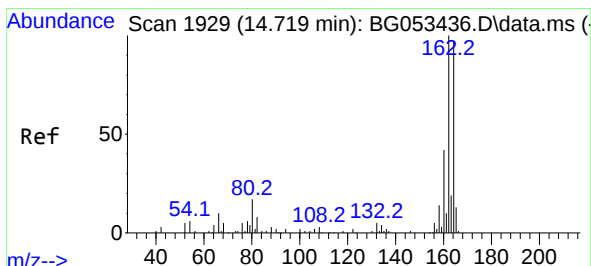
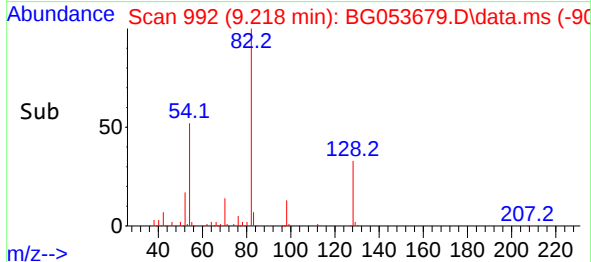
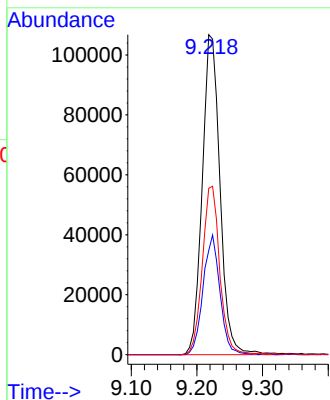
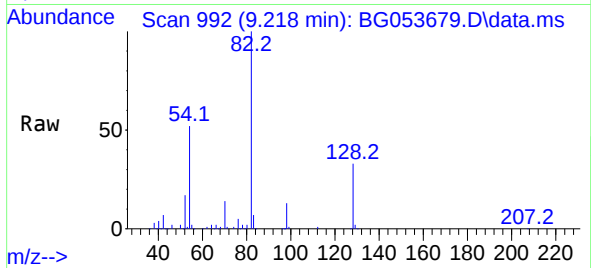




#23
Nitrobenzene-d5
Concen: 84.038 ng
RT: 9.218 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

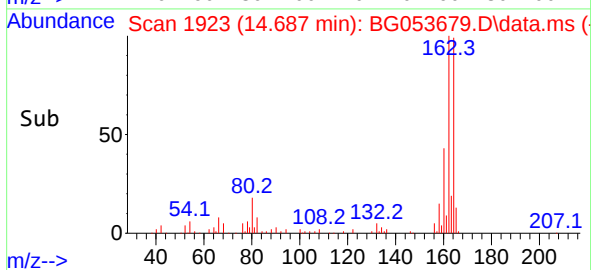
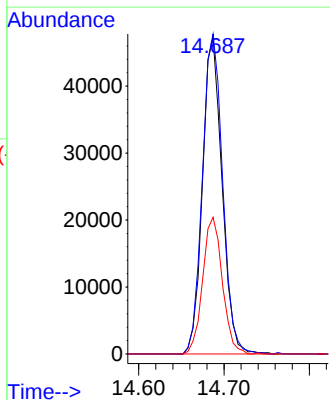
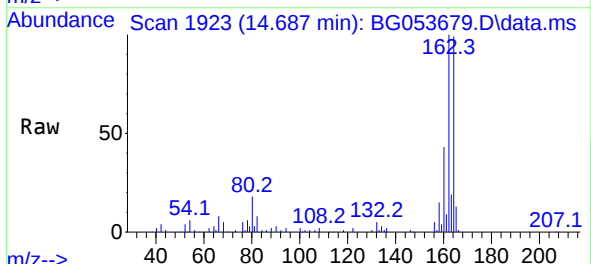
Instrument :
BNA_G
ClientSampleId :
PB145019BL

Tgt Ion: 82 Resp: 201522
Ion Ratio Lower Upper
82 100
128 32.5 27.9 41.9
54 52.0 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion: 164 Resp: 75081
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 43.2 34.2 51.2

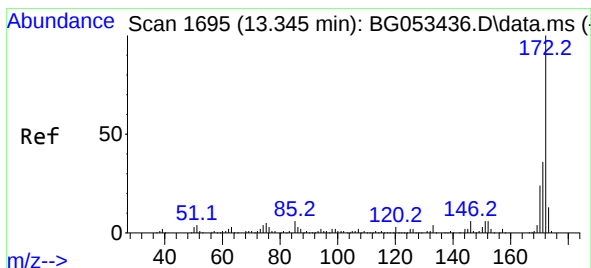
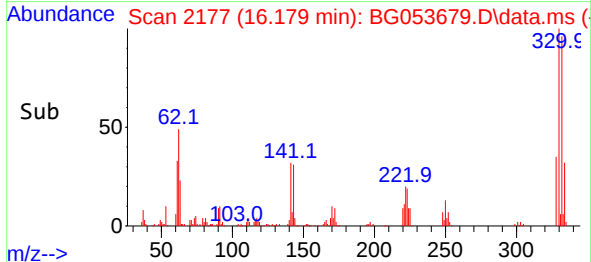
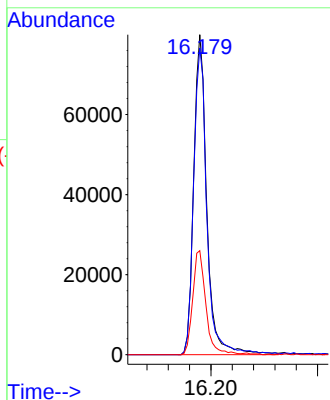
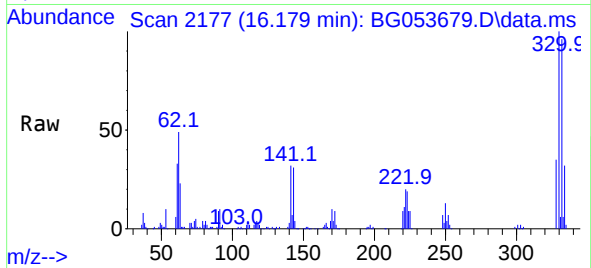




#42
2,4,6-Tribromophenol
Concen: 123.345 ng
RT: 16.179 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

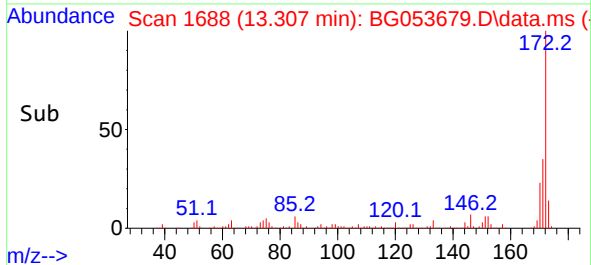
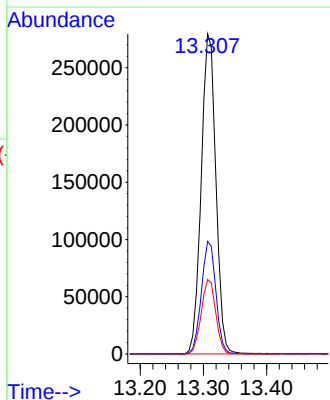
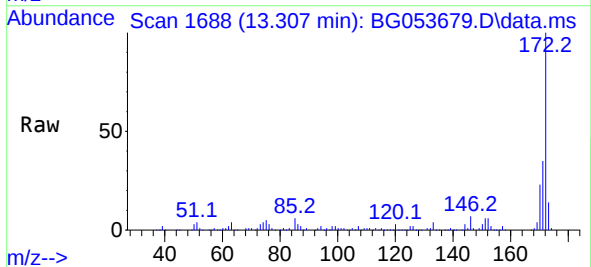
Instrument :
BNA_G
ClientSampleId :
PB145019BL

Tgt Ion:330 Resp: 136587
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 32.5 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 87.828 ng
RT: 13.307 min Scan# 1688
Delta R.T. -0.009 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:172 Resp: 451264
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 18.9 28.3

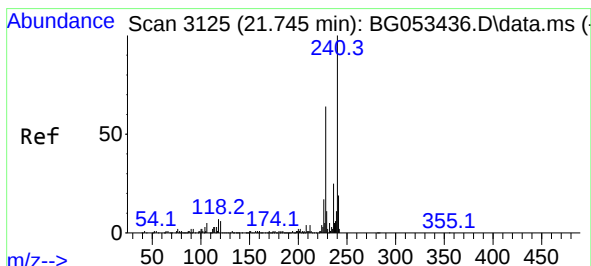
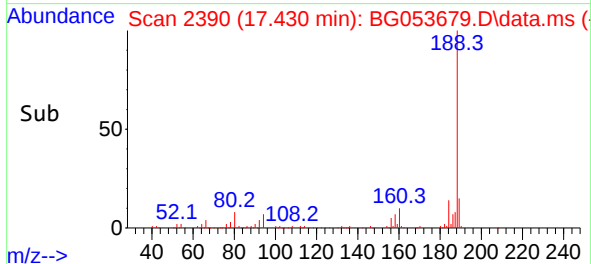
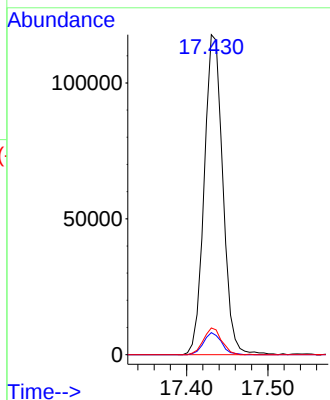
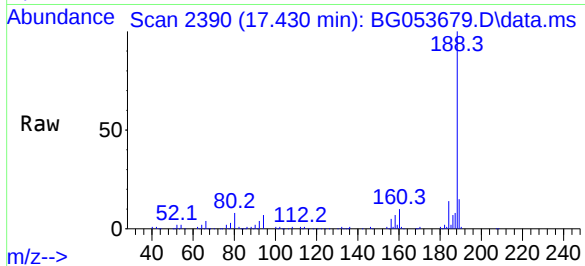




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.430 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

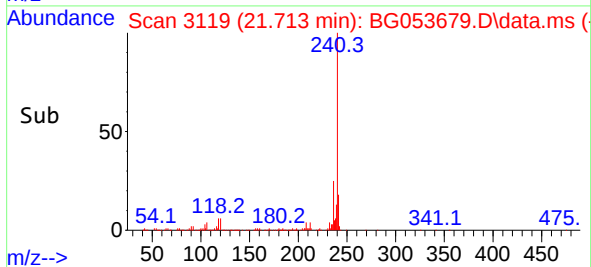
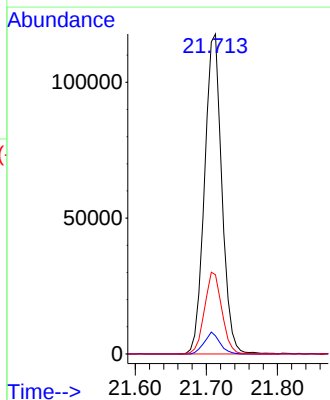
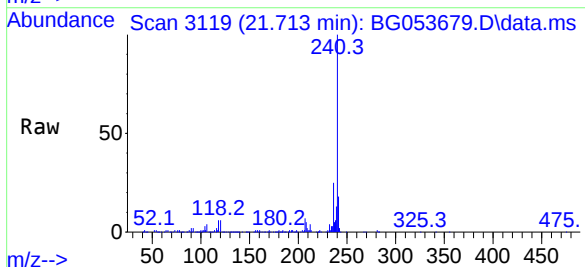
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ClientSampleId :
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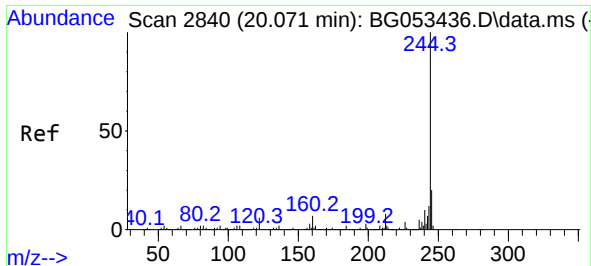
Tgt Ion:188 Resp: 186986
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.4 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:240 Resp: 198909
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.7 20.2 30.4

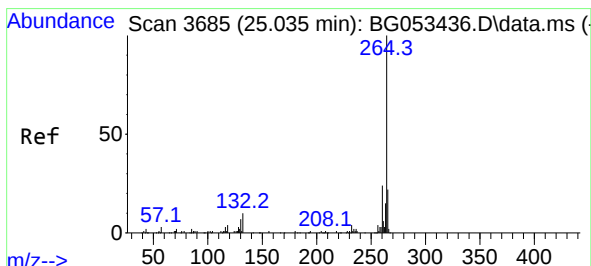
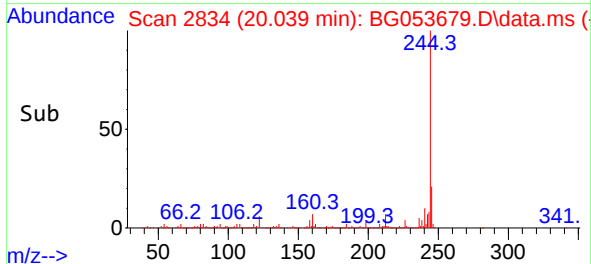
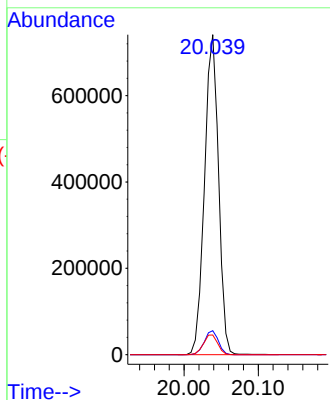
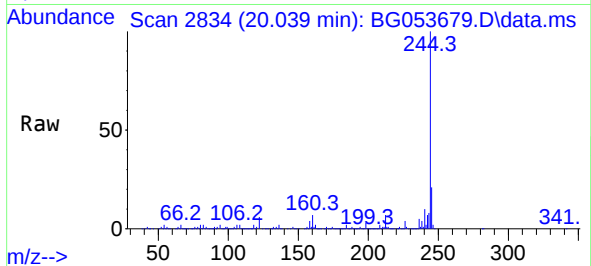




#79
 Terphenyl-d14
 Concen: 91.023 ng
 RT: 20.039 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053679.D
 Acq: 24 May 2022 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

Tgt Ion:244 Resp: 972110
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.973 min Scan# 3674
 Delta R.T. -0.009 min
 Lab File: BG053679.D
 Acq: 24 May 2022 10:47

Tgt Ion:264 Resp: 187965
 Ion Ratio Lower Upper
 264 100
 260 21.3 19.0 28.6
 265 20.6 17.4 26.2

