

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053619.D
 Acq On : 19 May 2022 1:18
 Operator : CG/JU
 Sample : N2907-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GC-1

Quant Time: May 19 05:13:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	24039	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	90748	20.000	ng	0.00
39) Acenaphthene-d10	14.703	164	70624	20.000	ng	-0.01
64) Phenanthrene-d10	17.452	188	183209	20.000	ng	0.00
76) Chrysene-d12	21.728	240	202747	20.000	ng	-0.01
86) Perylene-d12	25.000	264	201301	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	159400	112.535	ng	0.00
7) Phenol-d6	7.242	99	233932	108.822	ng	0.00
23) Nitrobenzene-d5	9.239	82	164522	77.175	ng	-0.01
42) 2,4,6-Tribromophenol	16.195	330	117902	113.191	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	358708	74.220	ng	0.00
79) Terphenyl-d14	20.054	244	770055	70.739	ng	0.00

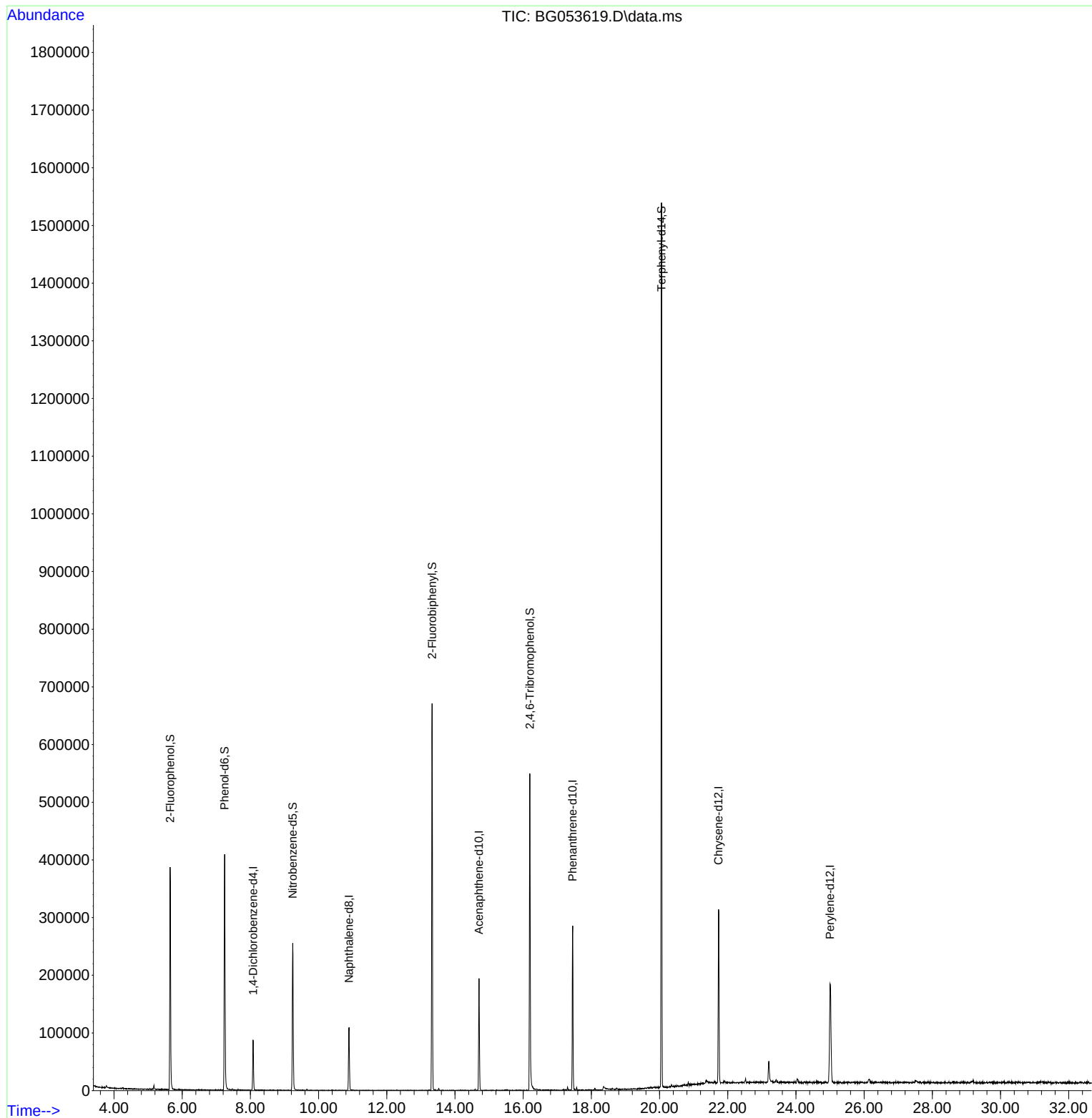
Target Compounds	Qvalue

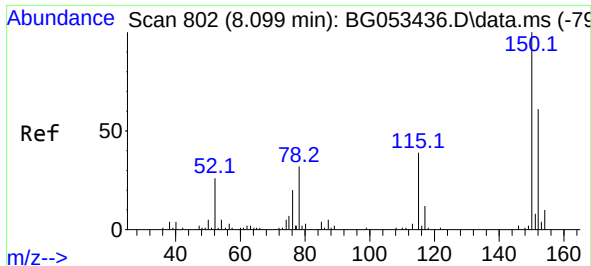
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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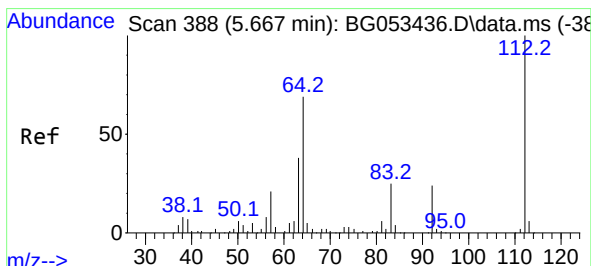
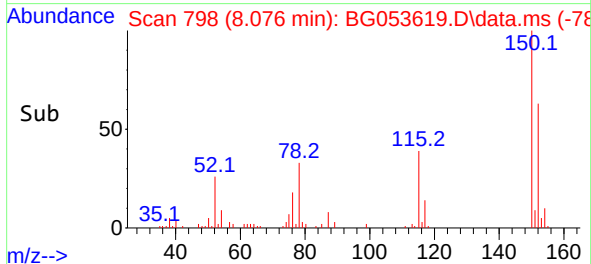
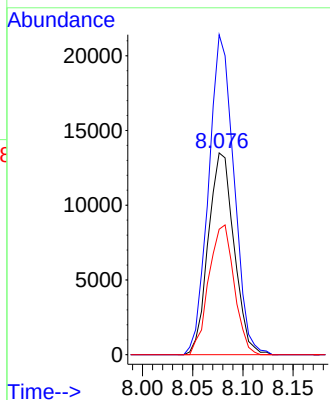
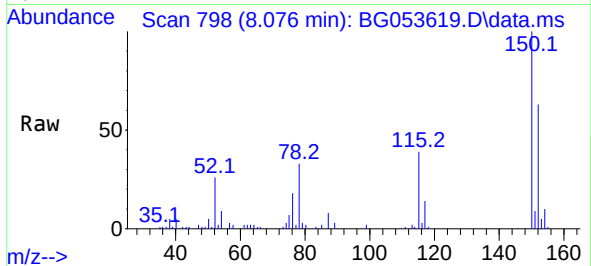




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 79
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

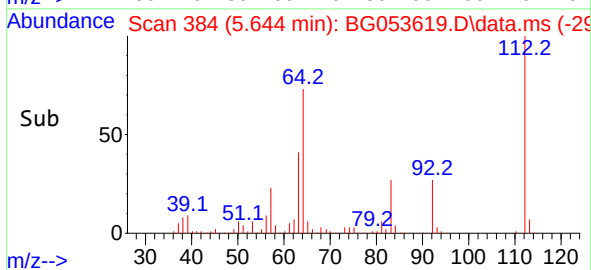
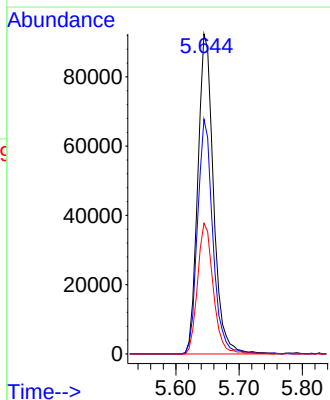
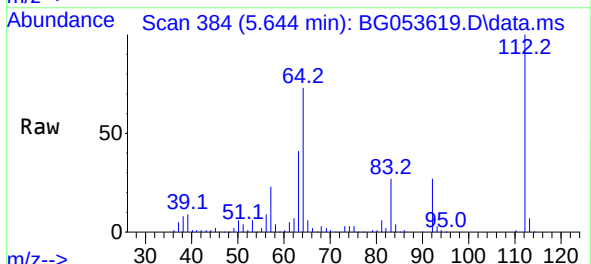
Instrument :
BNA_G
ClientSampleId :
GC-1

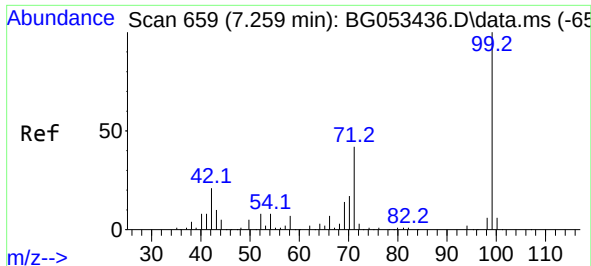
Tgt Ion:152 Resp: 24039
Ion Ratio Lower Upper
152 100
150 158.6 131.6 197.4
115 62.2 50.9 76.3



#5
2-Fluorophenol
Concen: 112.535 ng
RT: 5.644 min Scan# 384
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:112 Resp: 159400
Ion Ratio Lower Upper
112 100
64 73.4 55.1 82.7
63 40.9 30.4 45.6

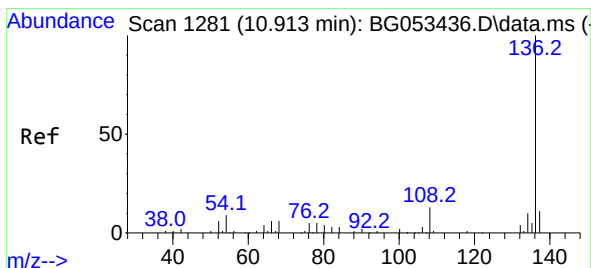
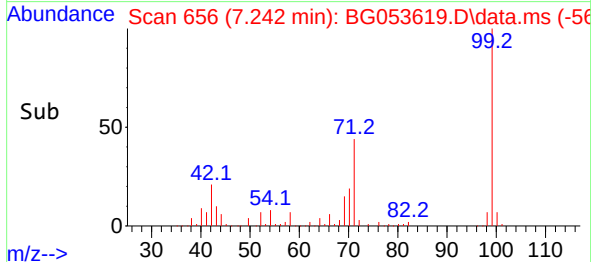
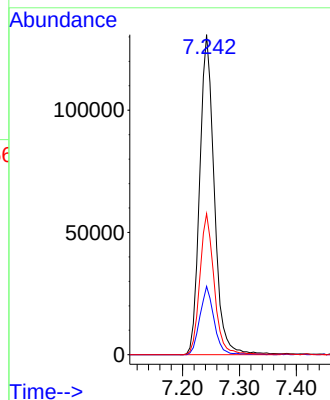
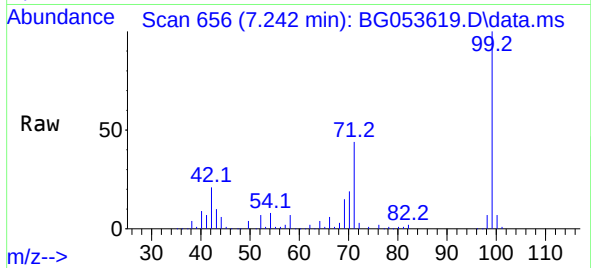




#7
Phenol-d6
Concen: 108.822 ng
RT: 7.242 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

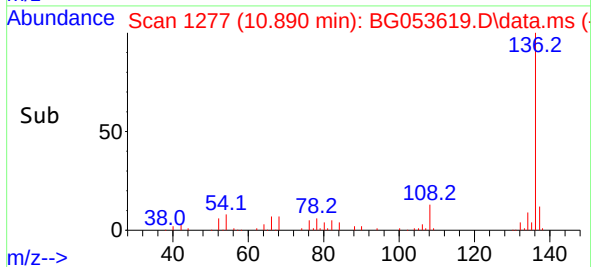
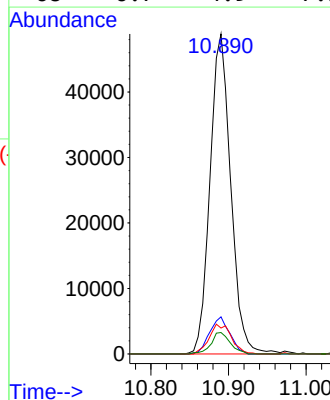
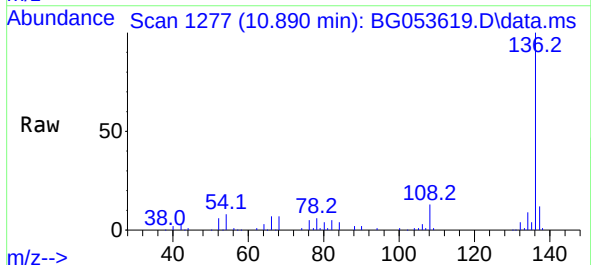
Instrument :
BNA_G
ClientSampleId :
GC-1

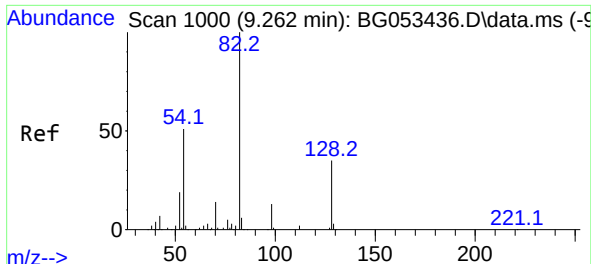
Tgt Ion: 99 Resp: 233932
Ion Ratio Lower Upper
99 100
42 21.4 17.0 25.6
71 44.1 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 1277
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion: 136 Resp: 90748
Ion Ratio Lower Upper
136 100
137 11.6 8.5 12.7
54 8.1 7.4 11.2
68 6.7 4.9 7.3

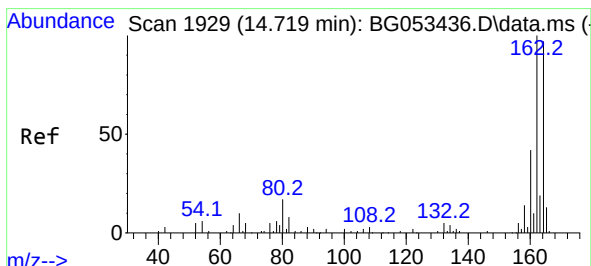
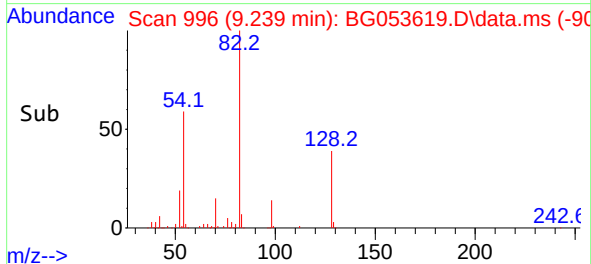
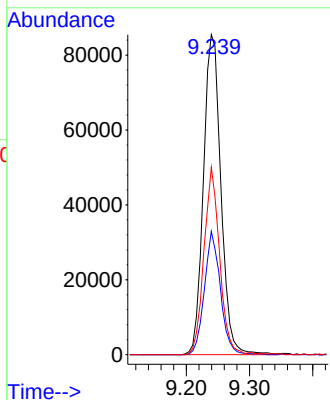
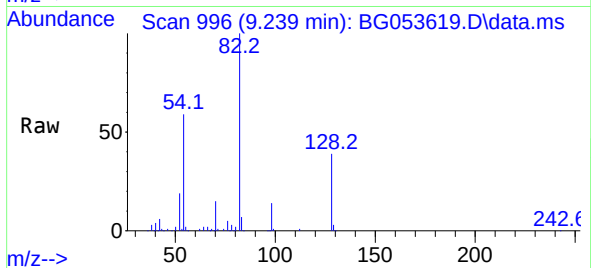




#23
Nitrobenzene-d5
Concen: 77.175 ng
RT: 9.239 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

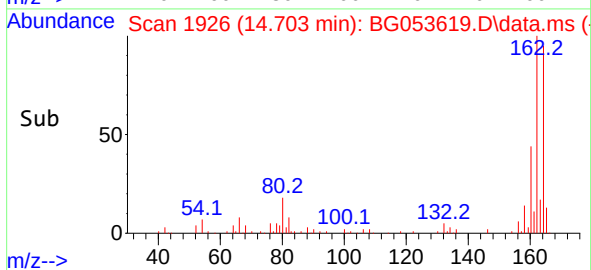
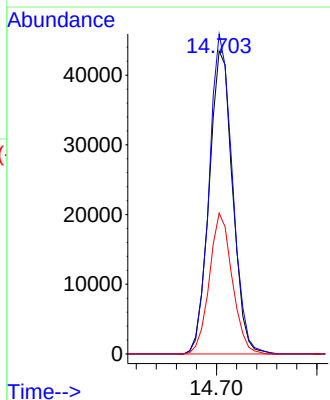
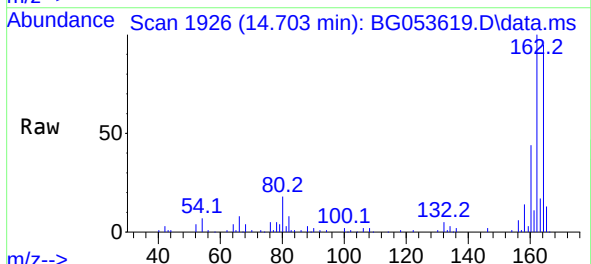
Instrument :
BNA_G
ClientSampleId :
GC-1

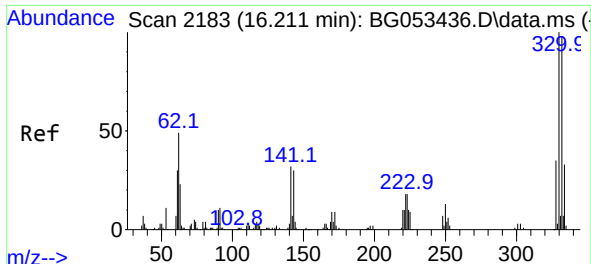
Tgt Ion: 82 Resp: 164522
Ion Ratio Lower Upper
82 100
128 38.6 27.9 41.9
54 58.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.703 min Scan# 1926
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:164 Resp: 70624
Ion Ratio Lower Upper
164 100
162 105.6 82.3 123.5
160 46.5 34.2 51.2

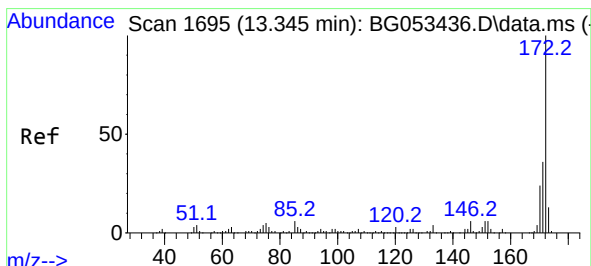
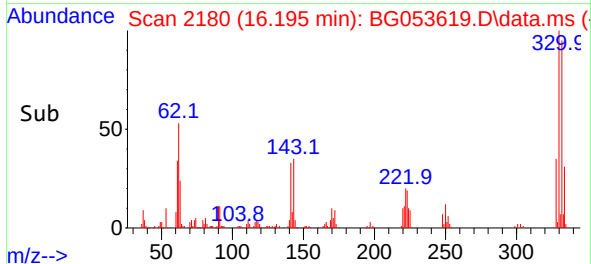
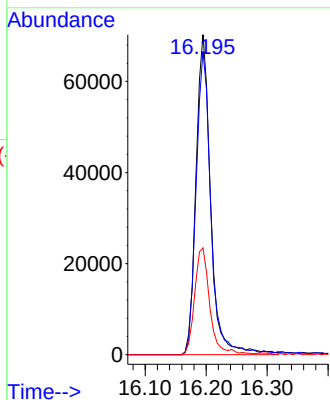
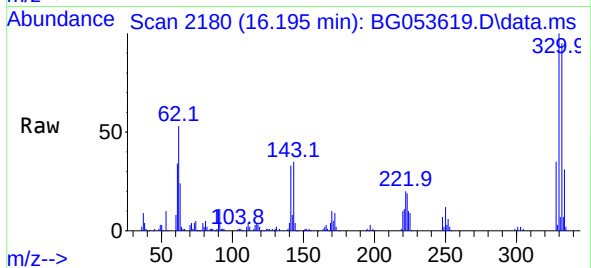




#42
2,4,6-Tribromophenol
Concen: 113.191 ng
RT: 16.195 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

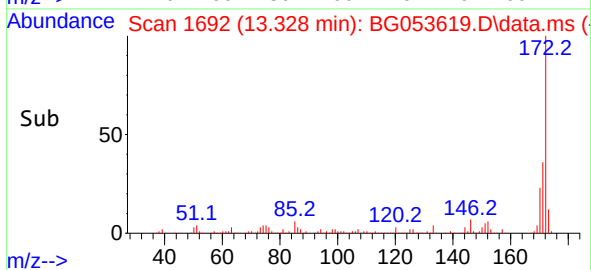
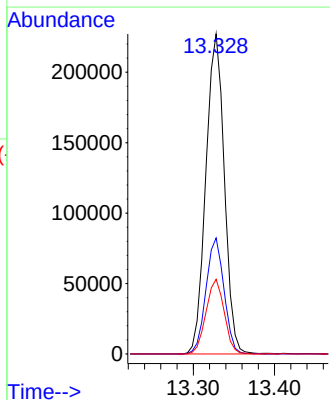
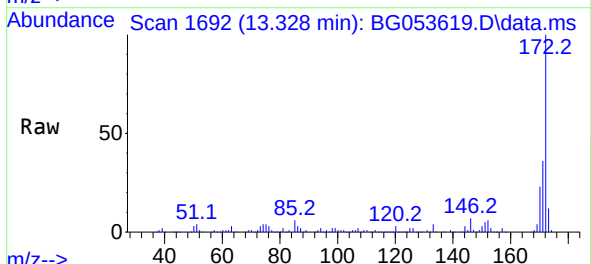
Instrument :
BNA_G
ClientSampleId :
GC-1

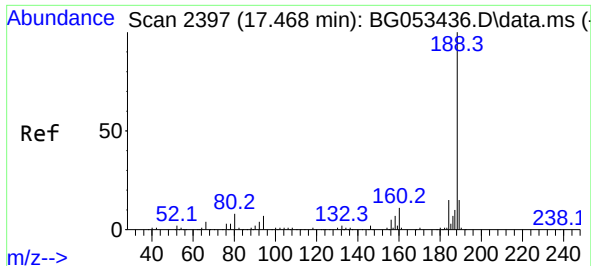
Tgt Ion:330 Resp: 117902
Ion Ratio Lower Upper
330 100
332 94.9 76.0 114.0
141 34.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 74.220 ng
RT: 13.328 min Scan# 1692
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:172 Resp: 358708
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 23.3 18.9 28.3

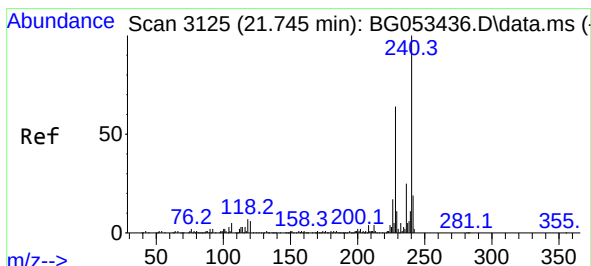
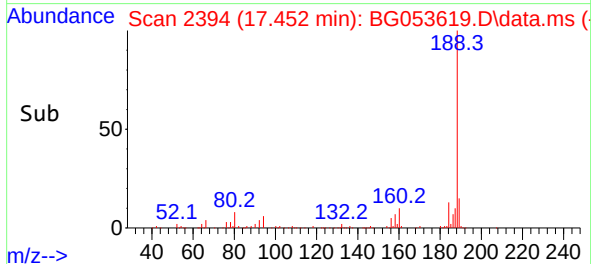
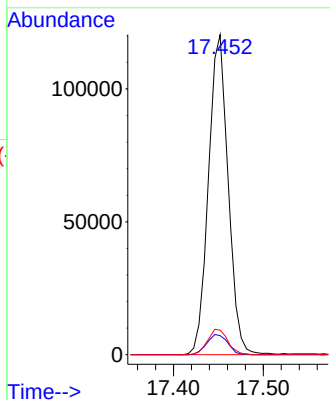
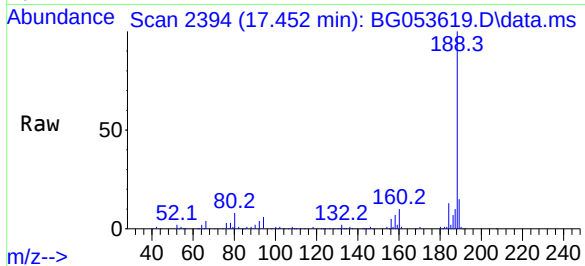




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

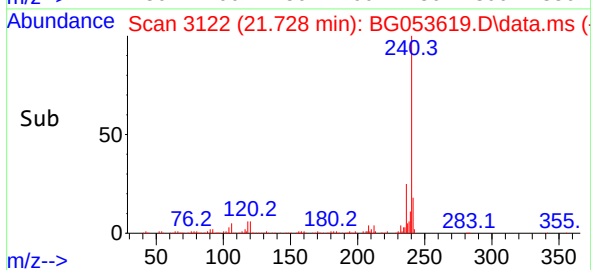
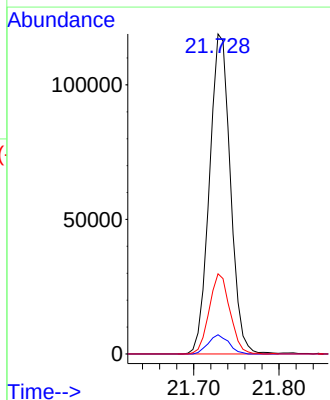
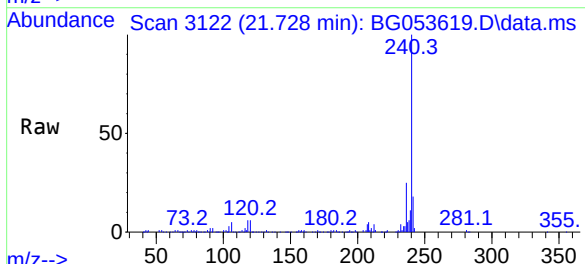
Instrument :
BNA_G
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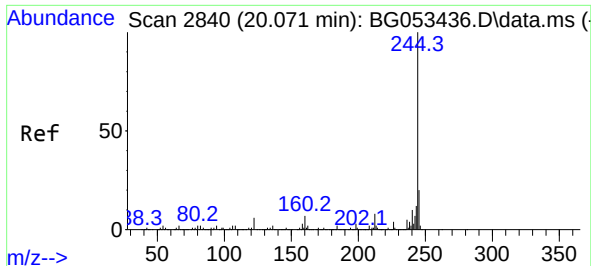
Tgt Ion:188 Resp: 183209
Ion Ratio Lower Upper
188 100
94 6.0 5.4 8.0
80 7.6 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3122
Delta R.T. -0.013 min
Lab File: BG053619.D
Acq: 19 May 2022 1:18

Tgt Ion:240 Resp: 202747
Ion Ratio Lower Upper
240 100
120 6.0 4.6 7.0
236 25.1 20.2 30.4

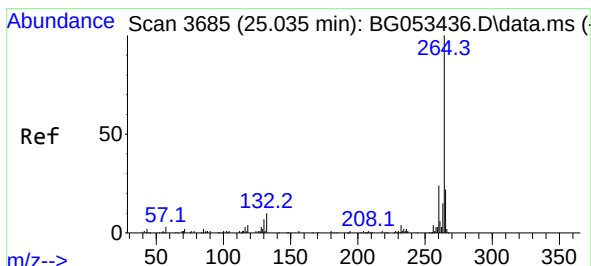
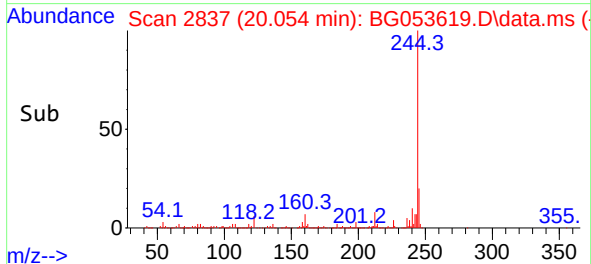
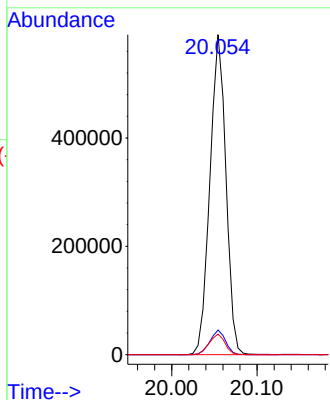
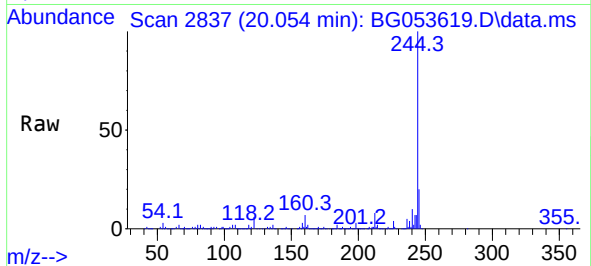




#79
 Terphenyl-d14
 Concen: 70.739 ng
 RT: 20.054 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG053619.D
 Acq: 19 May 2022 1:18

Instrument :
 BNA_G
 ClientSampleId :
 GC-1

Tgt Ion:244 Resp: 770055
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.000 min Scan# 3679
 Delta R.T. -0.019 min
 Lab File: BG053619.D
 Acq: 19 May 2022 1:18

Tgt Ion:264 Resp: 201301
 Ion Ratio Lower Upper
 264 100
 260 21.5 19.0 28.6
 265 20.4 17.4 26.2

