

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053470.D
 Acq On : 6 May 2022 10:51
 Operator : CG/JU
 Sample : PB144601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144601BL

Quant Time: May 06 22:52:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.095	152	21238	20.000	ng	0.00
21) Naphthalene-d8	10.903	136	87408	20.000	ng	-0.01
39) Acenaphthene-d10	14.715	164	73534	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	197952	20.000	ng	0.00
76) Chrysene-d12	21.735	240	227258	20.000	ng	0.00
86) Perylene-d12	25.019	264	223739	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	177857	142.126	ng	-0.01
7) Phenol-d6	7.255	99	263574	138.782	ng	0.00
23) Nitrobenzene-d5	9.252	82	181409	88.348	ng	-0.01
42) 2,4,6-Tribromophenol	16.201	330	143998	132.773	ng	0.00
45) 2-Fluorobiphenyl	13.341	172	437118	86.865	ng	0.00
79) Terphenyl-d14	20.061	244	1100169	90.163	ng	-0.01

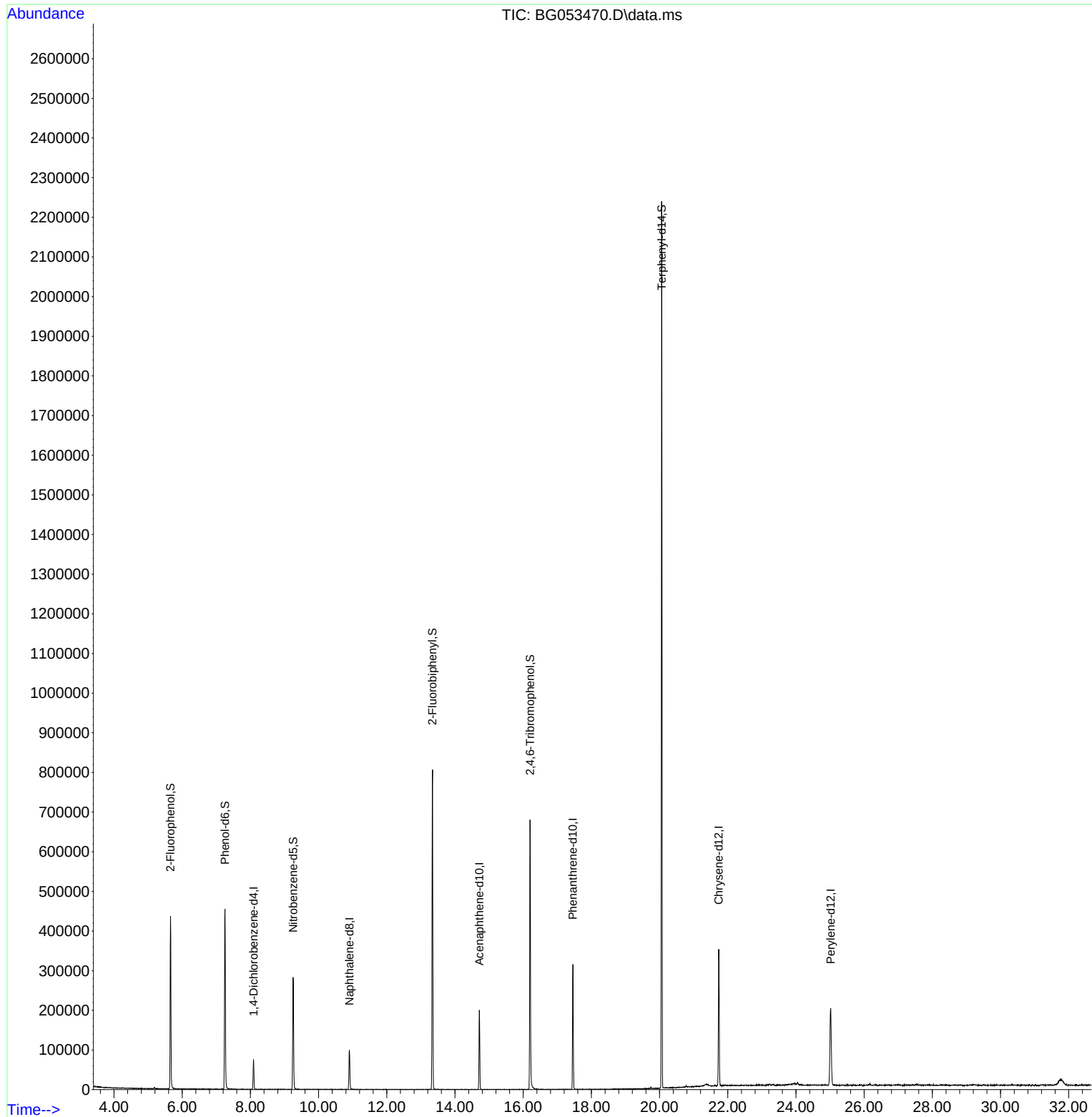
Target Compounds	Qvalue

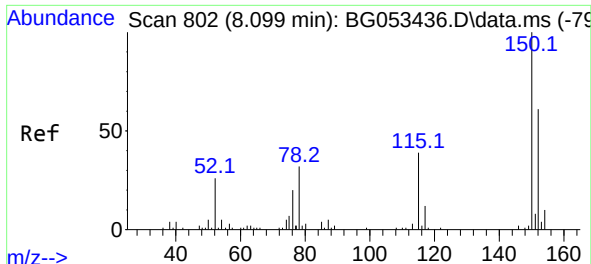
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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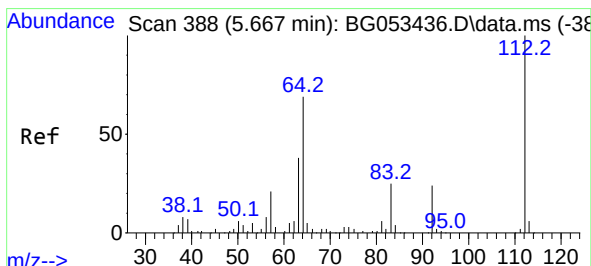
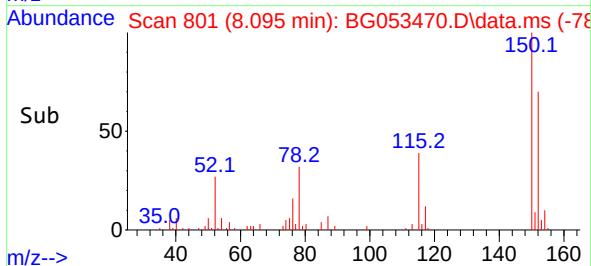
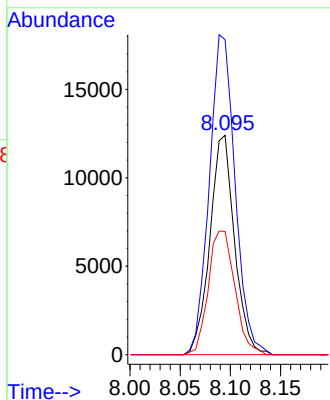
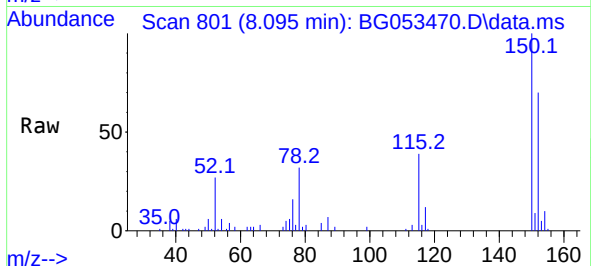




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.095 min Scan# 801
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

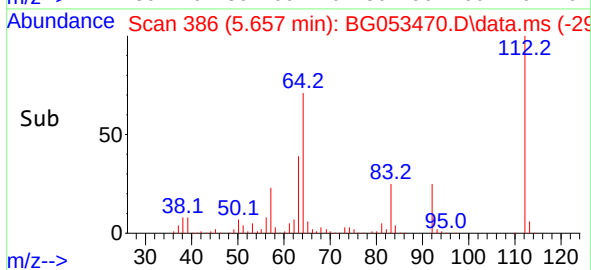
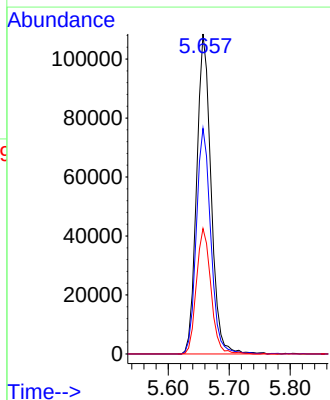
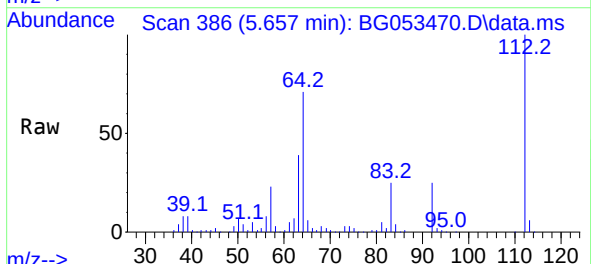
Instrument :
BNA_G
ClientSampleId :
PB144601BL

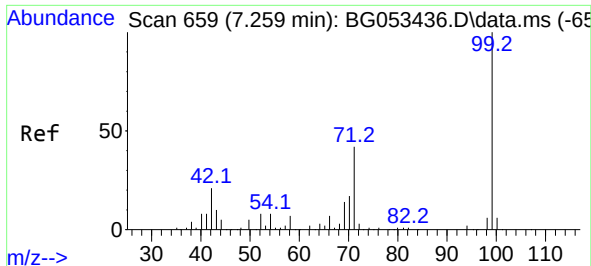
Tgt Ion:152 Resp: 21238
Ion Ratio Lower Upper
152 100
150 143.6 131.6 197.4
115 56.2 50.9 76.3



#5
2-Fluorophenol
Concen: 142.126 ng
RT: 5.657 min Scan# 386
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:112 Resp: 177857
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 39.2 30.4 45.6

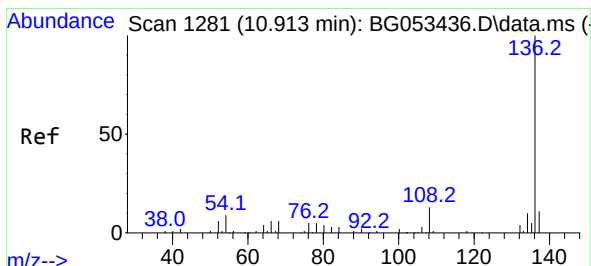
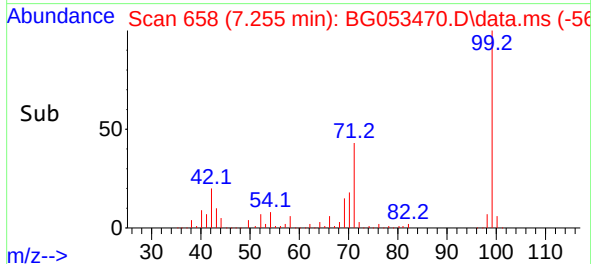
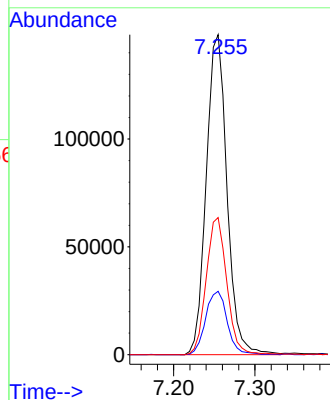
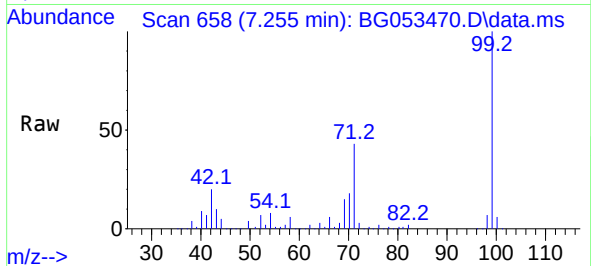




#7
Phenol-d6
Concen: 138.782 ng
RT: 7.255 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

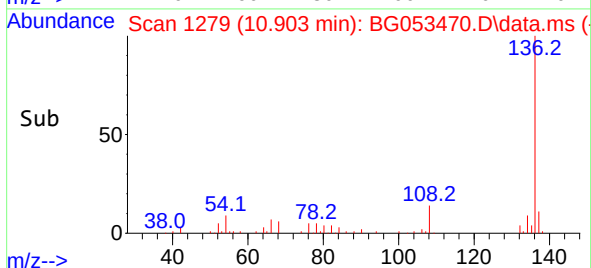
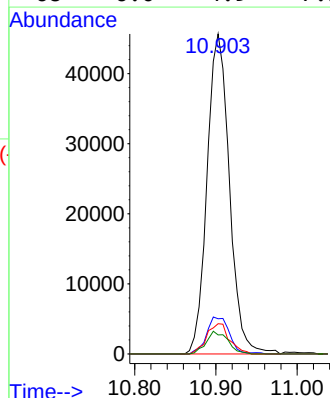
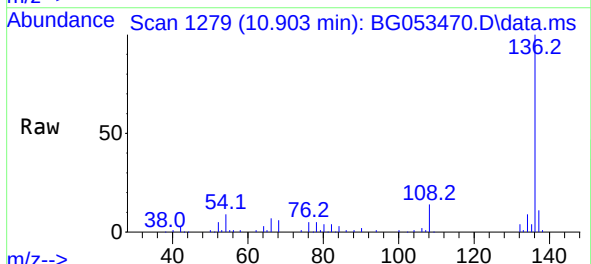
Instrument :
BNA_G
ClientSampleId :
PB144601BL

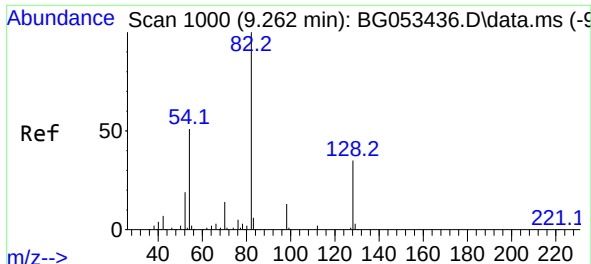
Tgt Ion: 99 Resp: 263574
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 42.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.903 min Scan# 1279
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:136 Resp: 87408
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.5 7.4 11.2
68 6.0 4.9 7.3

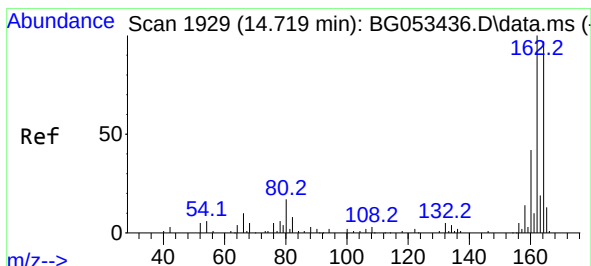
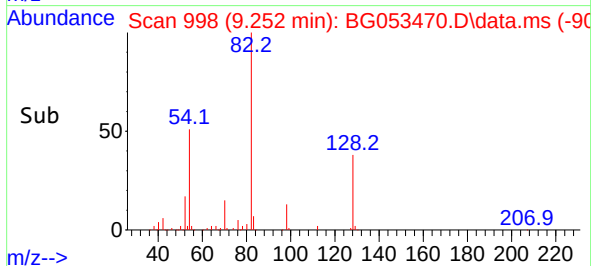
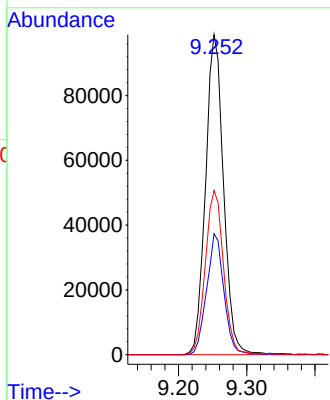
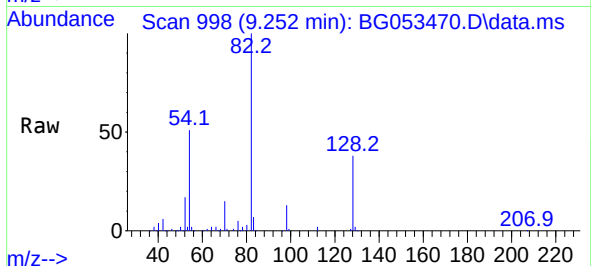




#23
Nitrobenzene-d5
Concen: 88.348 ng
RT: 9.252 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

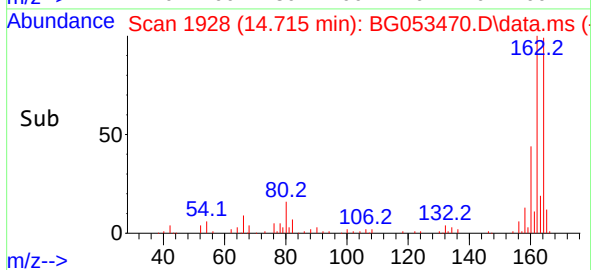
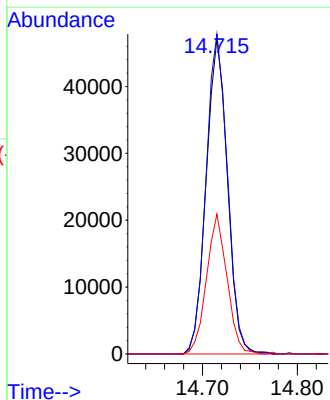
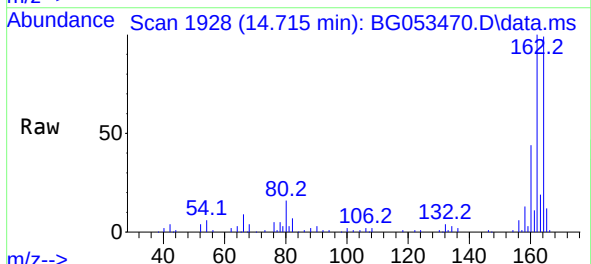
Instrument :
BNA_G
ClientSampleId :
PB144601BL

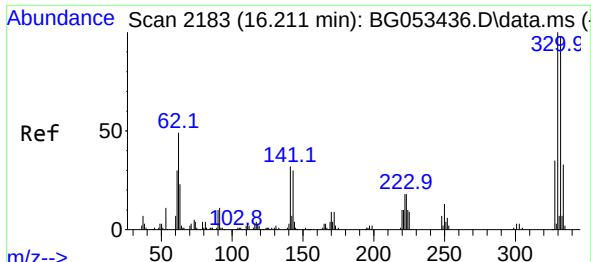
Tgt Ion: 82 Resp: 181409
Ion Ratio Lower Upper
82 100
128 37.8 27.9 41.9
54 51.3 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.715 min Scan# 1928
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

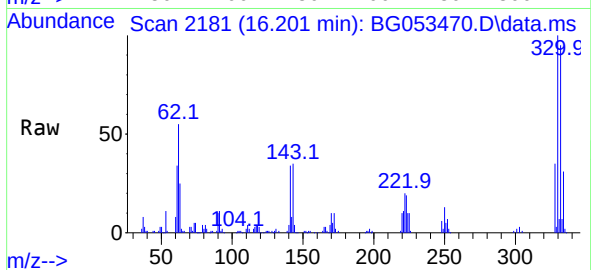
Tgt Ion:164 Resp: 73534
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 44.3 34.2 51.2



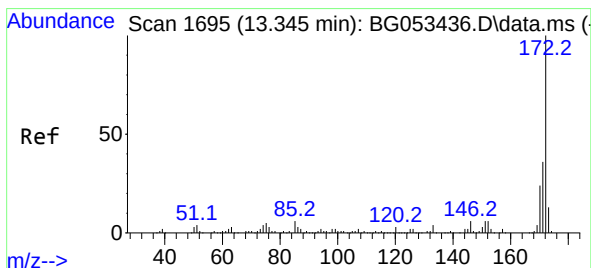
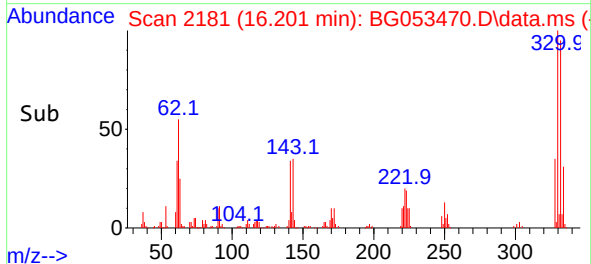
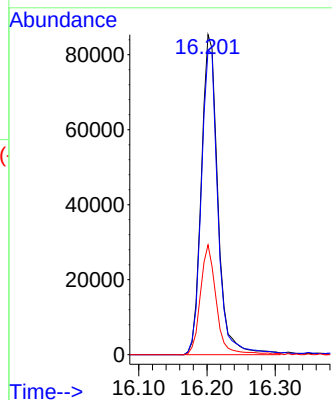


#42
2,4,6-Tribromophenol
Concen: 132.773 ng
RT: 16.201 min Scan# 2183
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Instrument :
BNA_G
ClientSampleId :
PB144601BL

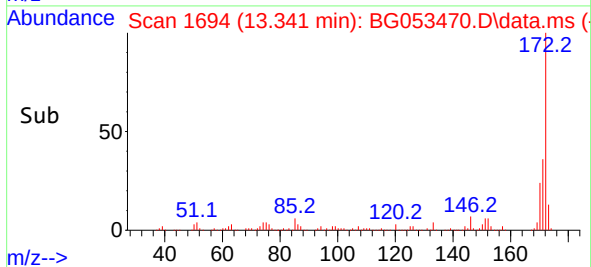
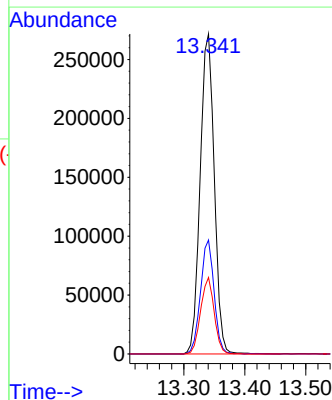
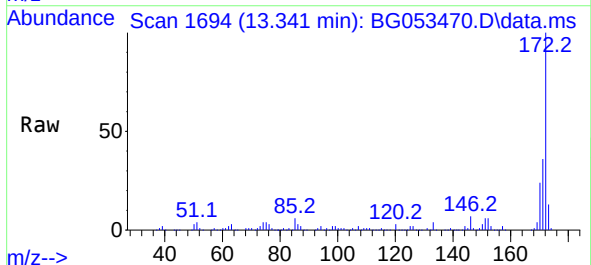


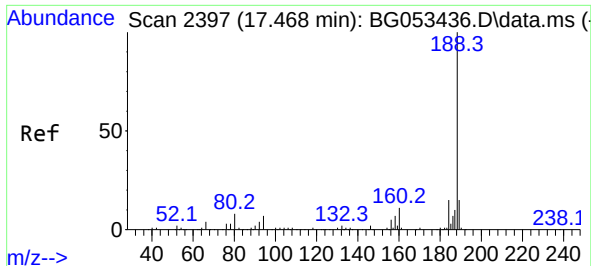
Tgt Ion:330 Resp: 143998
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 33.0 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 86.865 ng
RT: 13.341 min Scan# 1694
Delta R.T. -0.004 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:172 Resp: 437118
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.9 18.9 28.3

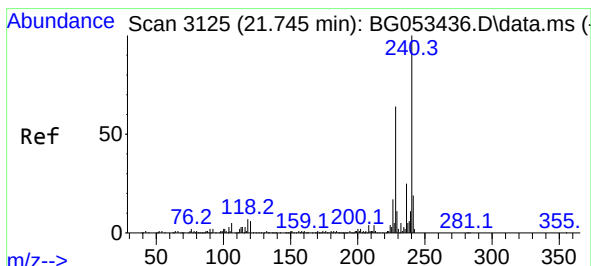
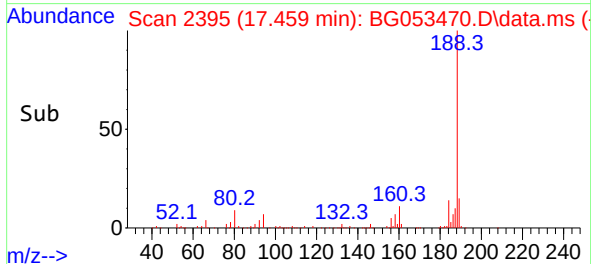
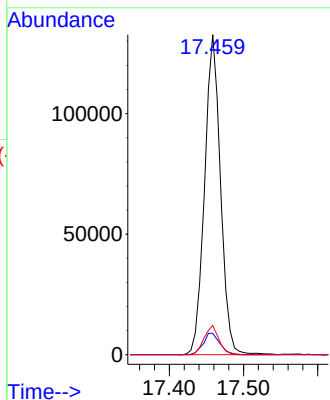
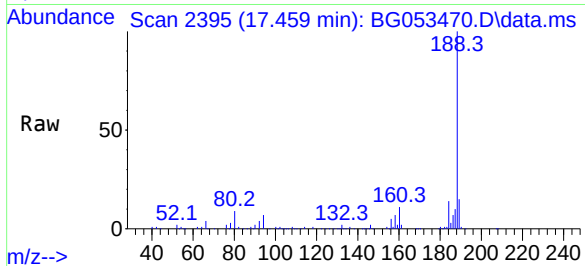




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

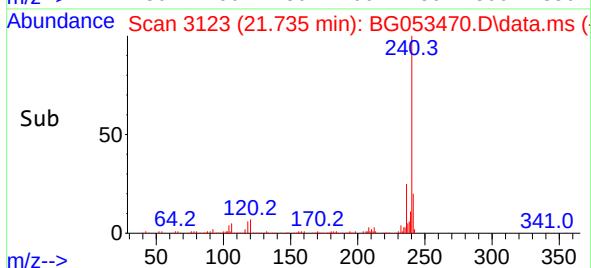
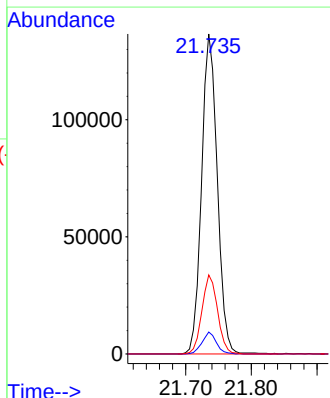
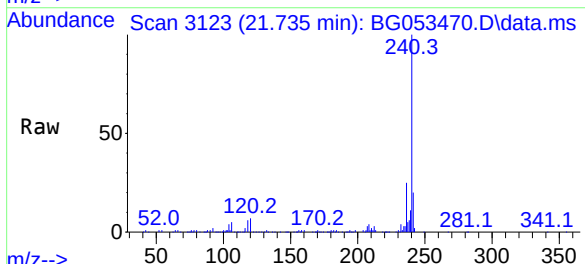
Instrument :
BNA_G
ClientSampleId :
PB144601BL

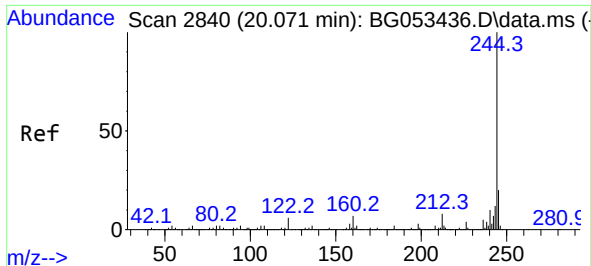
Tgt Ion:188 Resp: 197952
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 9.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.735 min Scan# 3123
Delta R.T. -0.010 min
Lab File: BG053470.D
Acq: 6 May 2022 10:51

Tgt Ion:240 Resp: 227258
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 24.7 20.2 30.4

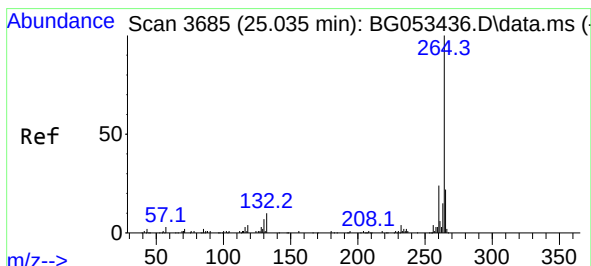
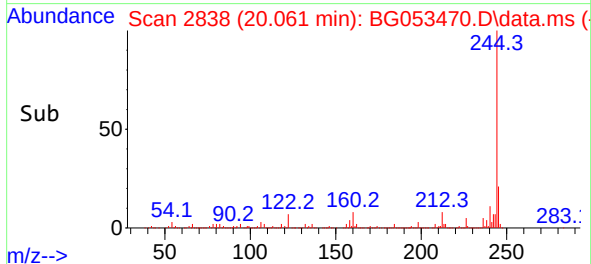
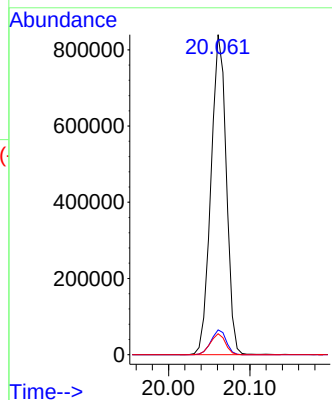
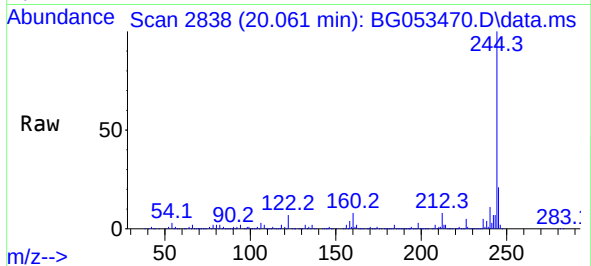




#79
 Terphenyl-d14
 Concen: 90.163 ng
 RT: 20.061 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG053470.D
 Acq: 6 May 2022 10:51

Instrument :
 BNA_G
 ClientSampleId :
 PB144601BL

Tgt Ion:244 Resp: 1100169
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.019 min Scan# 3682
 Delta R.T. -0.016 min
 Lab File: BG053470.D
 Acq: 6 May 2022 10:51

Tgt Ion:264 Resp: 223739
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 22.3 17.4 26.2

