

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050622\
 Data File : BG053476.D
 Acq On : 6 May 2022 16:14
 Operator : CG/JU
 Sample : N2680-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1-GW

Quant Time: May 06 22:52:49 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	8.091	152	20528	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	81364	20.000	ng	-0.01
39) Acenaphthene-d10	14.711	164	68213	20.000	ng	0.00
64) Phenanthrene-d10	17.460	188	186763	20.000	ng	0.00
76) Chrysene-d12	21.737	240	205660	20.000	ng	0.00
86) Perylene-d12	25.015	264	205084	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	67068	55.448	ng	-0.01
7) Phenol-d6	7.250	99	61847	33.691	ng	0.00
23) Nitrobenzene-d5	9.254	82	163125	85.345	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	132408	131.610	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	378700	81.126	ng	0.00
79) Terphenyl-d14	20.063	244	862110	78.073	ng	0.00

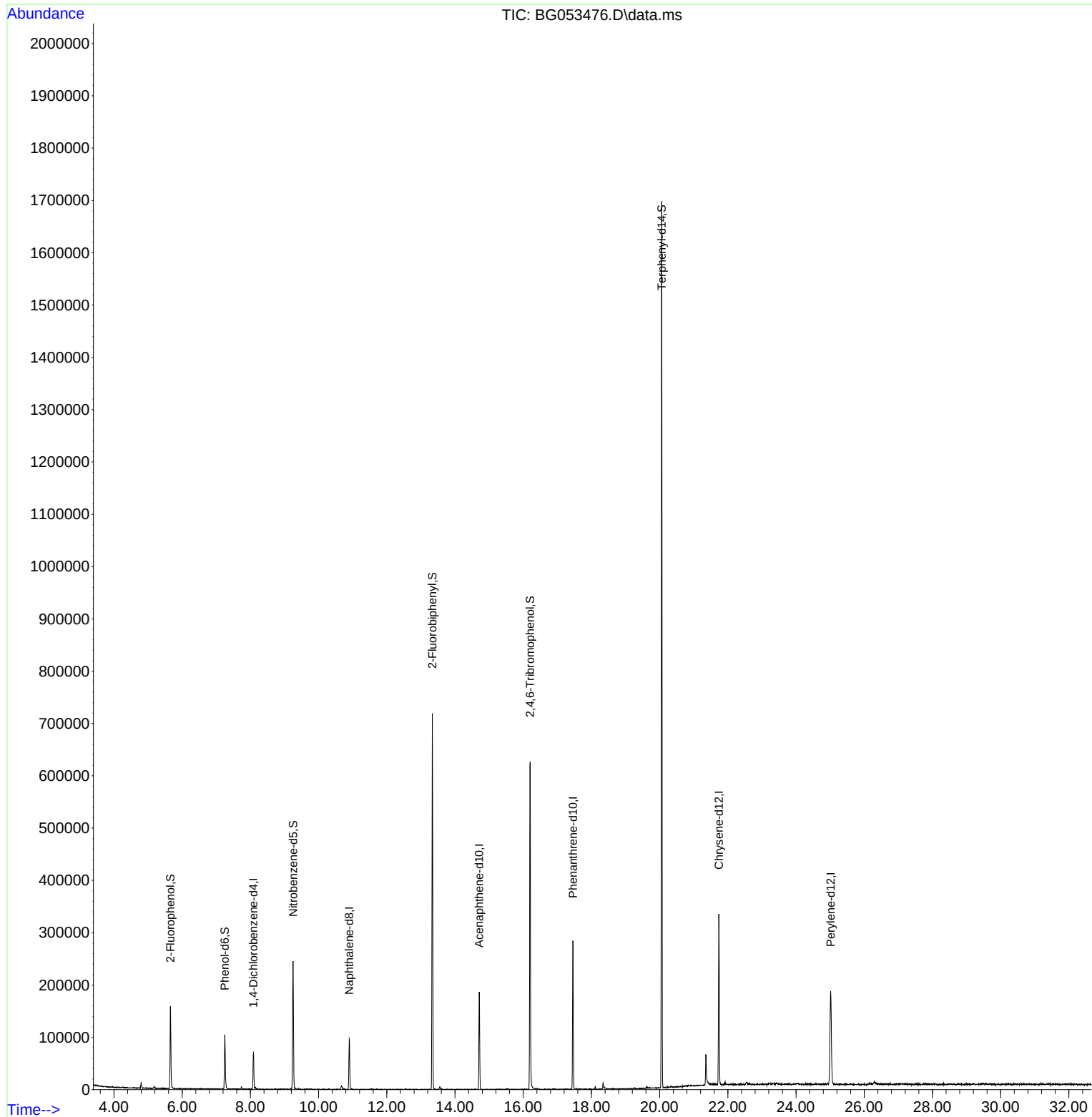
Target Compounds	Qvalue

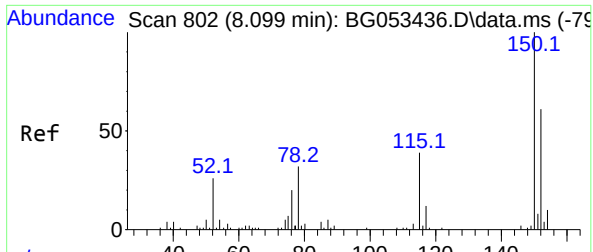
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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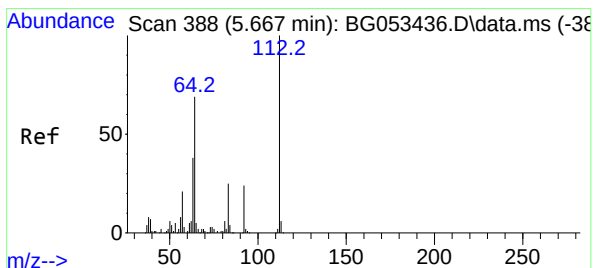
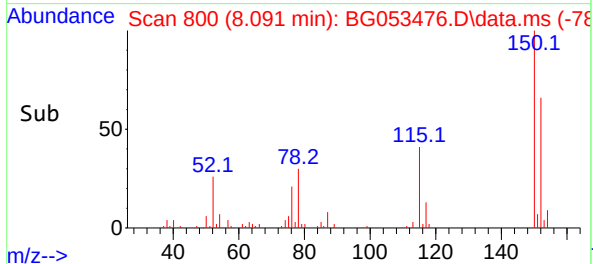
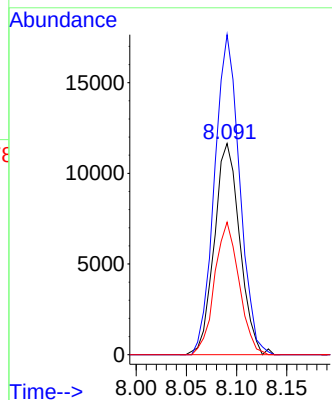
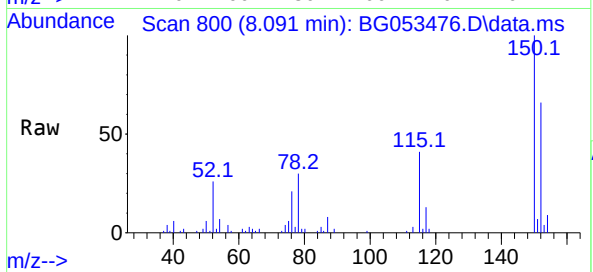




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

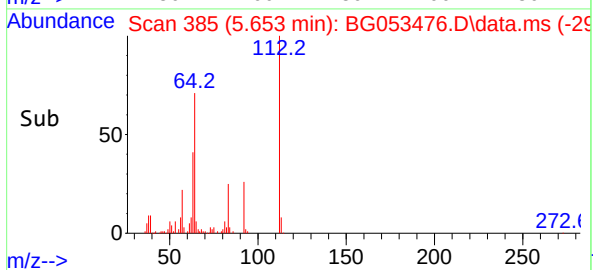
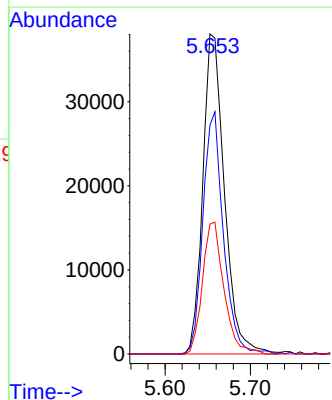
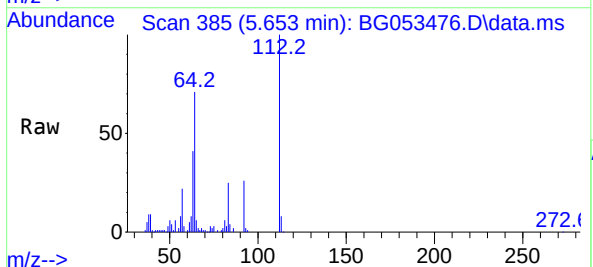
Instrument :
BNA_G
ClientSampleId :
B1-GW

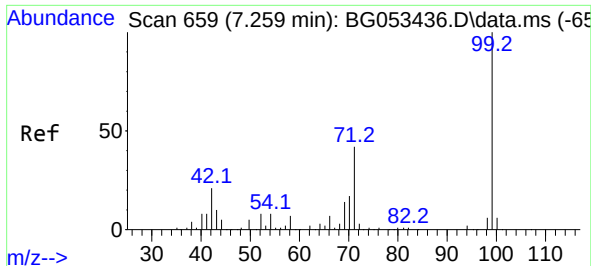
Tgt Ion:152 Resp: 20528
Ion Ratio Lower Upper
152 100
150 151.5 131.6 197.4
115 62.7 50.9 76.3



#5
2-Fluorophenol
Concen: 55.448 ng
RT: 5.653 min Scan# 385
Delta R.T. -0.014 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:112 Resp: 67068
Ion Ratio Lower Upper
112 100
64 71.5 55.1 82.7
63 40.5 30.4 45.6

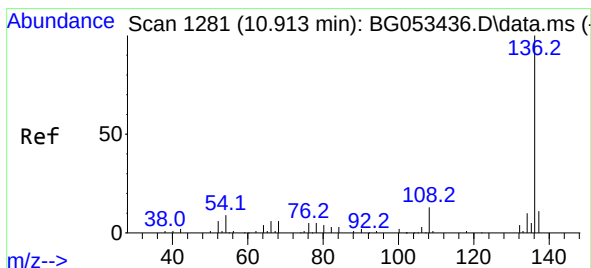
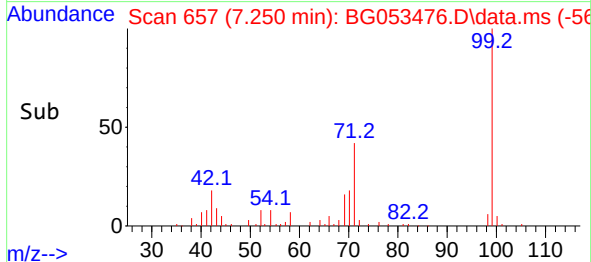
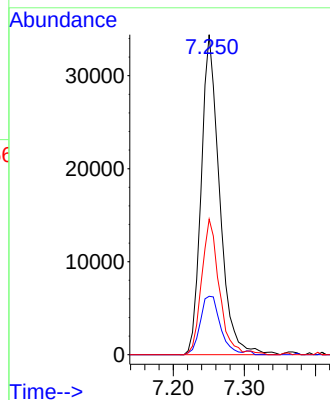
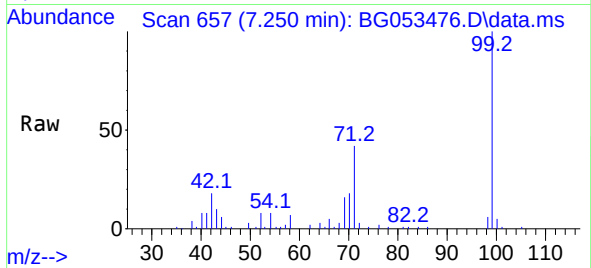




#7
Phenol-d6
Concen: 33.691 ng
RT: 7.250 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

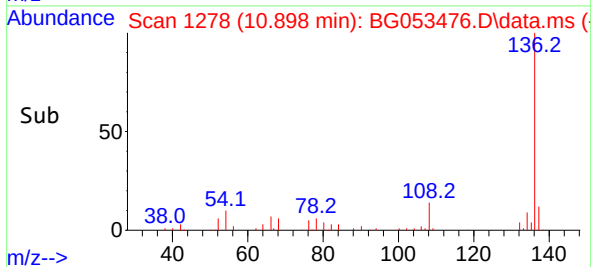
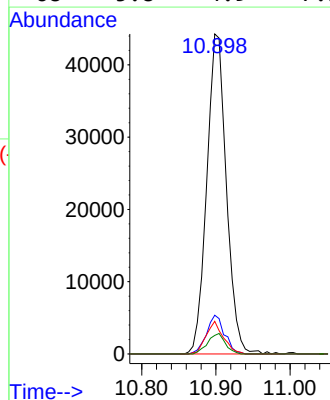
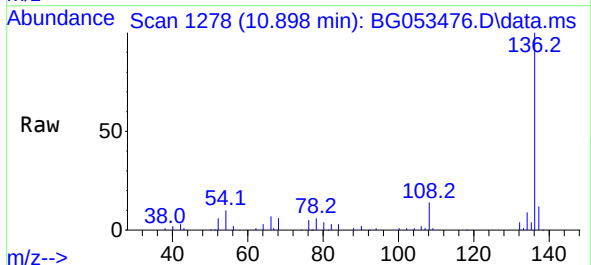
Instrument :
BNA_G
ClientSampleId :
B1-GW

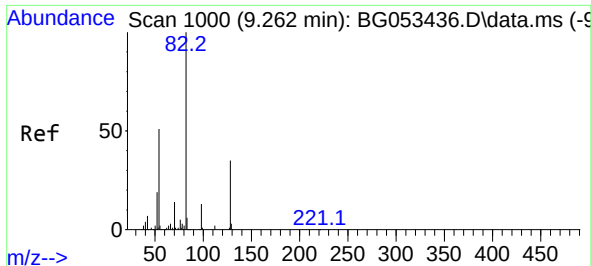
Tgt Ion: 99 Resp: 61847
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 42.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.015 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion: 136 Resp: 81364
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 10.2 7.4 11.2
68 5.8 4.9 7.3

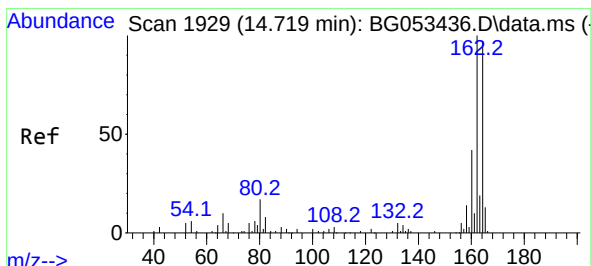
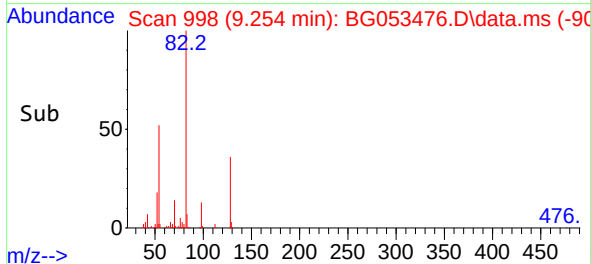
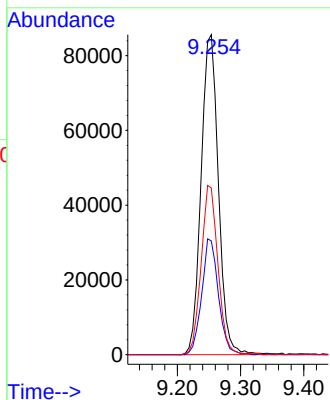
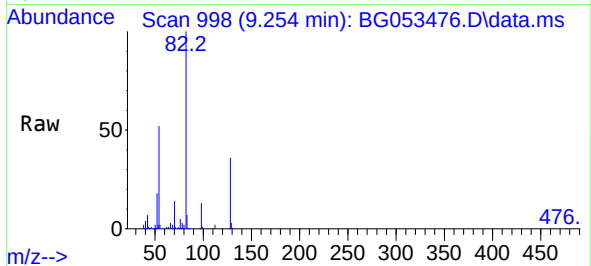




#23
Nitrobenzene-d5
Concen: 85.345 ng
RT: 9.254 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

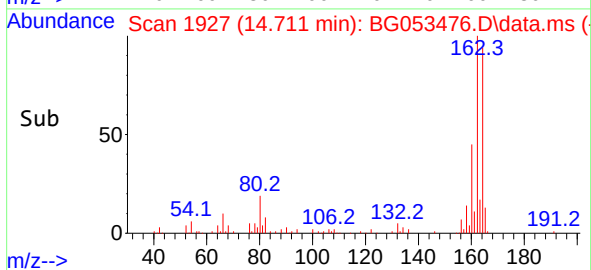
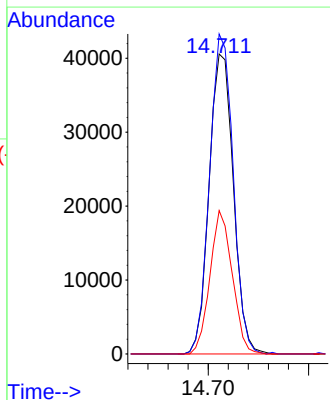
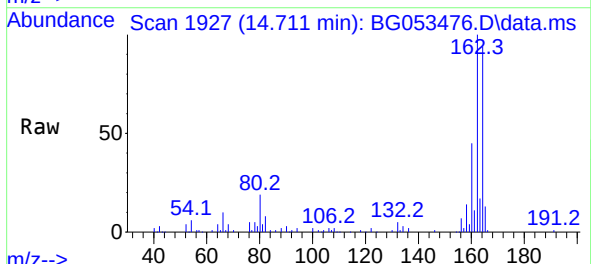
Instrument :
BNA_G
ClientSampleId :
B1-GW

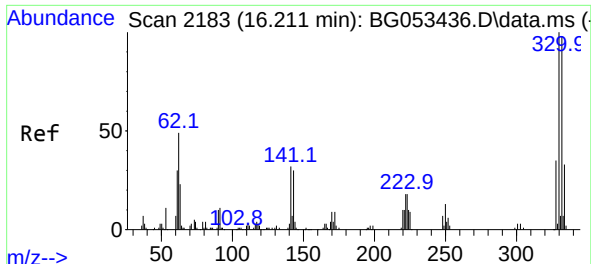
Tgt Ion: 82 Resp: 163125
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 52.1 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:164 Resp: 68213
Ion Ratio Lower Upper
164 100
162 106.7 82.3 123.5
160 47.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 131.610 ng

RT: 16.203 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

Instrument :

BNA_G

ClientSampleId :

B1-GW

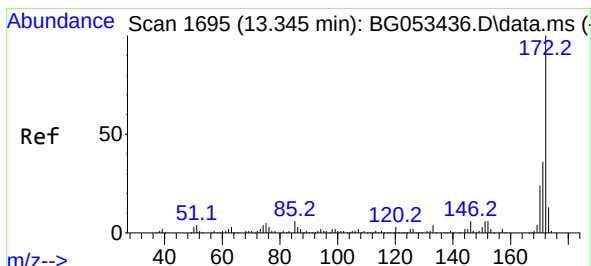
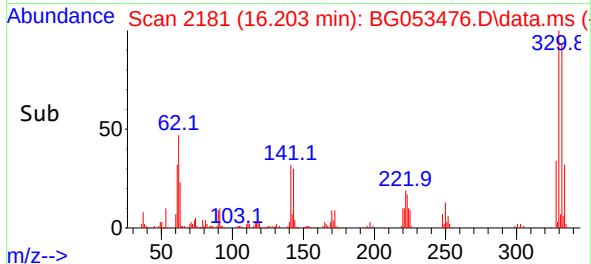
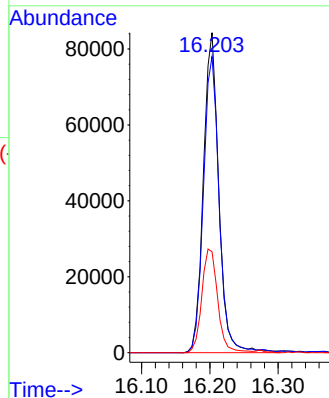
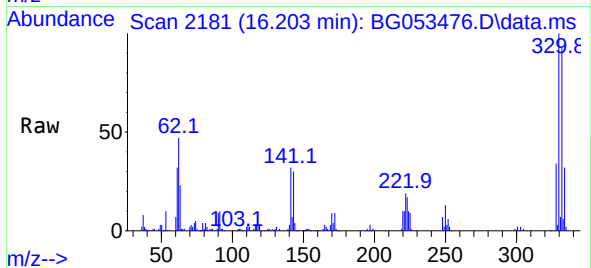
Tgt Ion:330 Resp: 132408

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 81.126 ng

RT: 13.336 min Scan# 1693

Delta R.T. -0.009 min

Lab File: BG053476.D

Acq: 6 May 2022 16:14

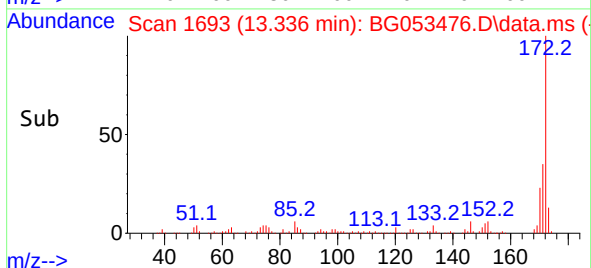
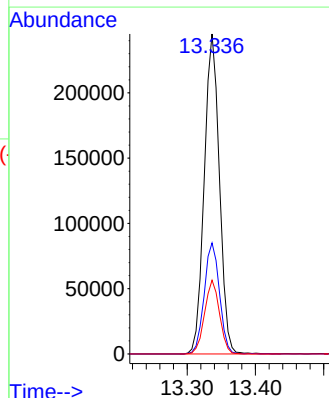
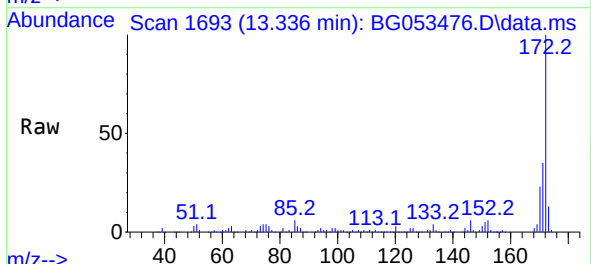
Tgt Ion:172 Resp: 378700

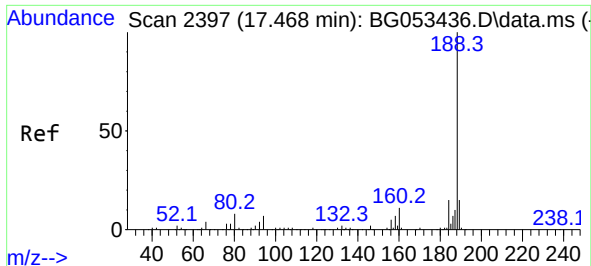
Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.0 18.9 28.3

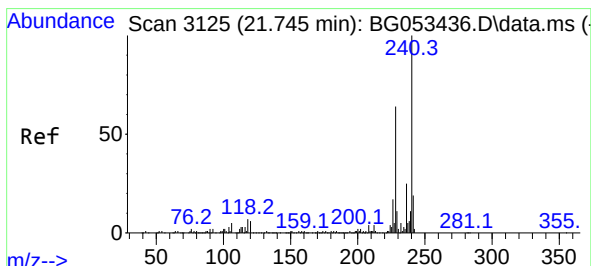
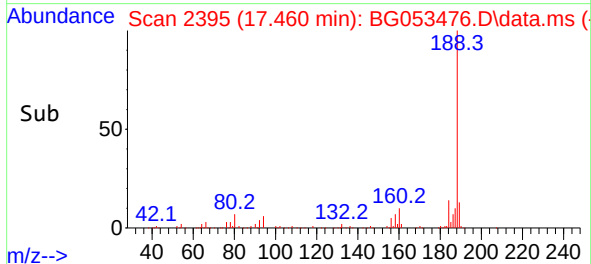
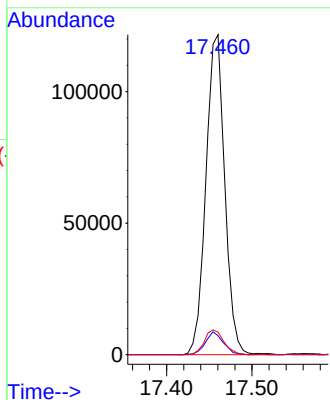
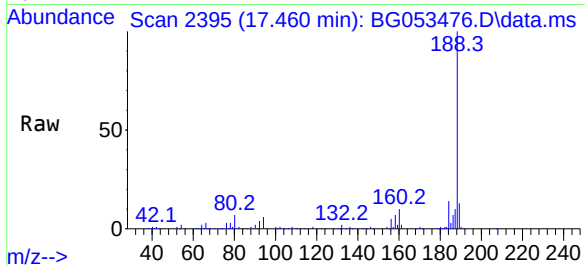




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.460 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

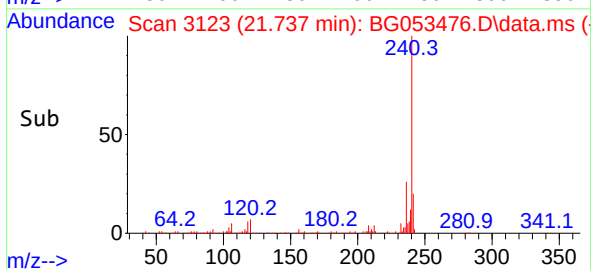
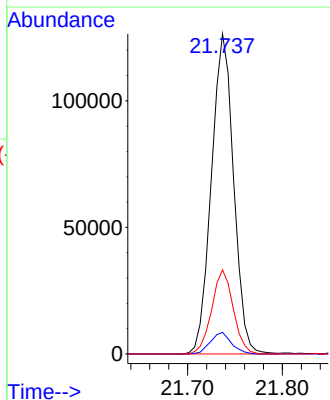
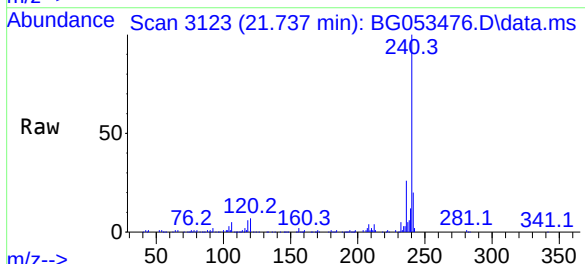
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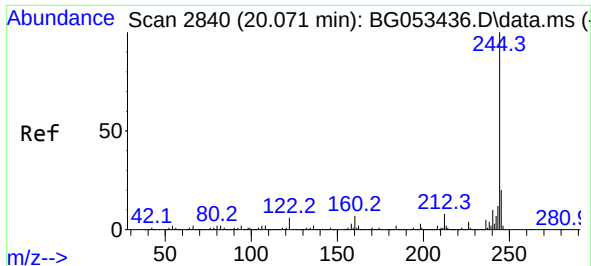
Tgt Ion:188 Resp: 186763
Ion Ratio Lower Upper
188 100
94 5.9 5.4 8.0
80 7.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053476.D
Acq: 6 May 2022 16:14

Tgt Ion:240 Resp: 205660
Ion Ratio Lower Upper
240 100
120 6.8 4.6 7.0
236 26.3 20.2 30.4

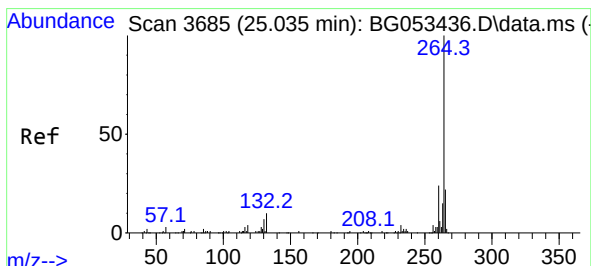
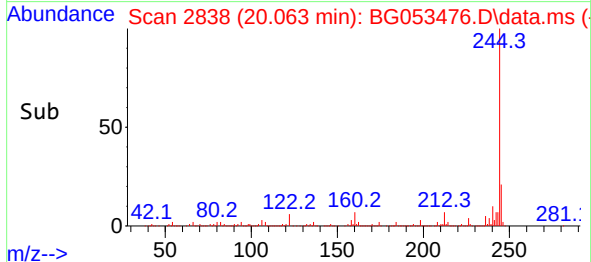
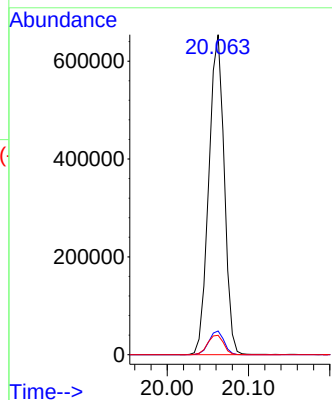
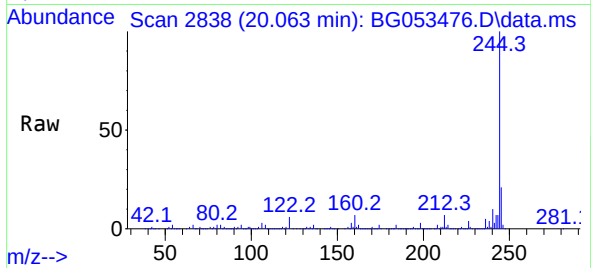




#79
 Terphenyl-d14
 Concen: 78.073 ng
 RT: 20.063 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053476.D
 Acq: 6 May 2022 16:14

Instrument :
 BNA_G
 ClientSampleId :
 B1-GW

Tgt Ion:244 Resp: 862110
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 3681
 Delta R.T. -0.020 min
 Lab File: BG053476.D
 Acq: 6 May 2022 16:14

Tgt Ion:264 Resp: 205084
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.0 28.6
 265 21.2 17.4 26.2

