

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053023.D
 Acq On : 5 Apr 2022 00:52
 Operator : CG/JU
 Sample : N2220-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A05140

Quant Time: Apr 05 02:06:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.130	152	35568	20.000	ng	-0.02
21) Naphthalene-d8	10.938	136	133231	20.000	ng	#-0.02
39) Acenaphthene-d10	14.750	164	98929	20.000	ng	-0.02
64) Phenanthrene-d10	17.487	188	234570	20.000	ng	-0.02
76) Chrysene-d12	21.770	240	258990	20.000	ng	-0.03
86) Perylene-d12	25.077	264	273588	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	218299	106.885	ng	0.00
7) Phenol-d6	7.278	99	326721	106.110	ng	-0.01
23) Nitrobenzene-d5	9.287	82	232113	87.441	ng	-0.02
42) 2,4,6-Tribromophenol	16.230	330	171001	128.636	ng	-0.02
45) 2-Fluorobiphenyl	13.370	172	498610	74.334	ng	-0.02
79) Terphenyl-d14	20.096	244	1003282	68.909	ng	-0.02

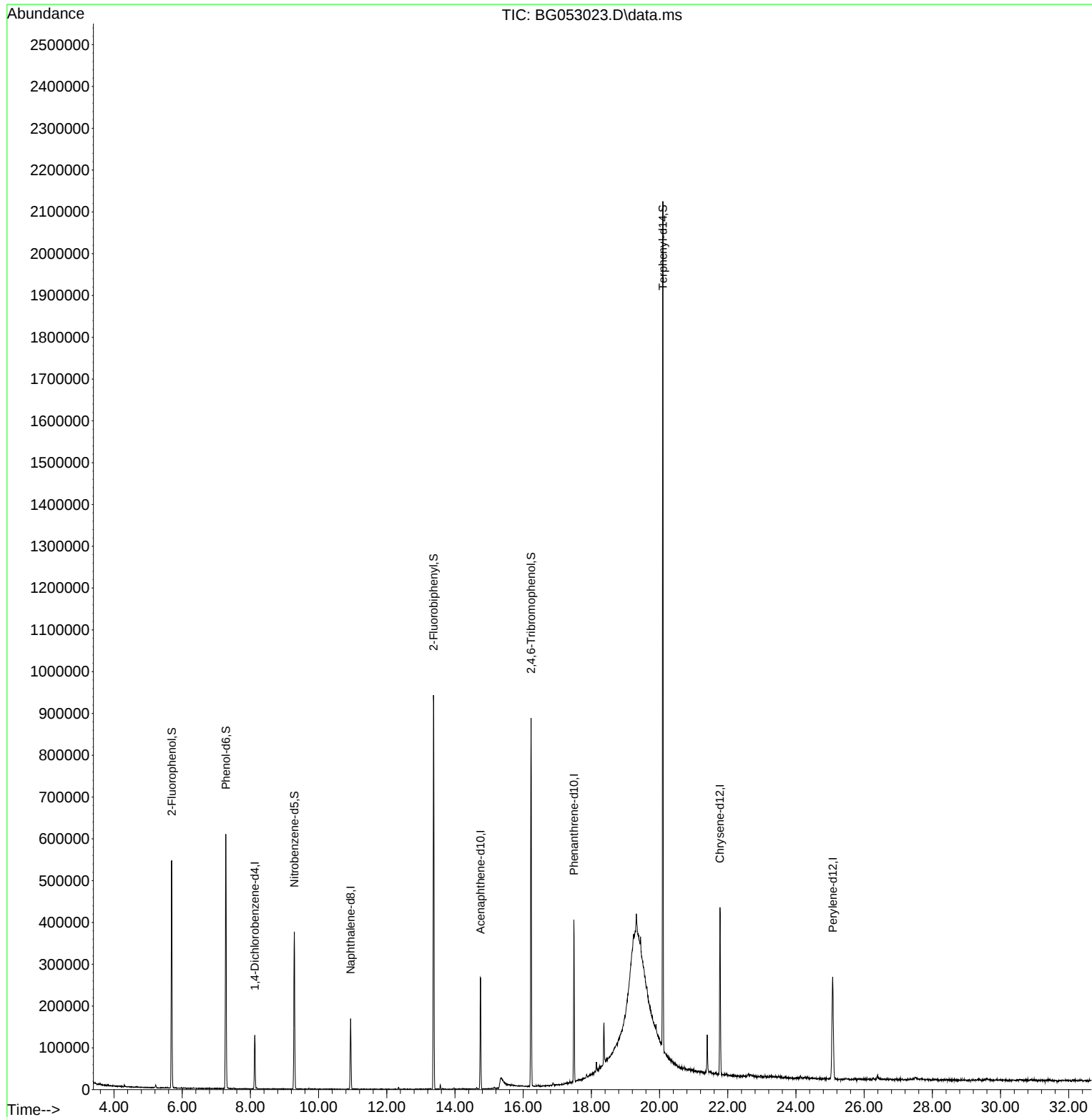
Target Compounds	Qvalue

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

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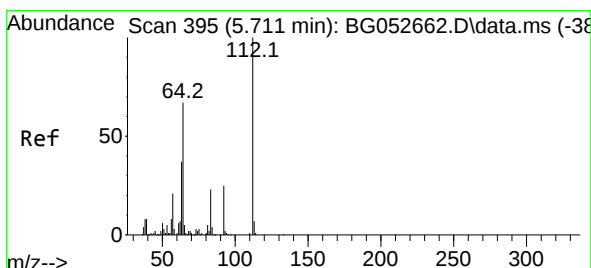
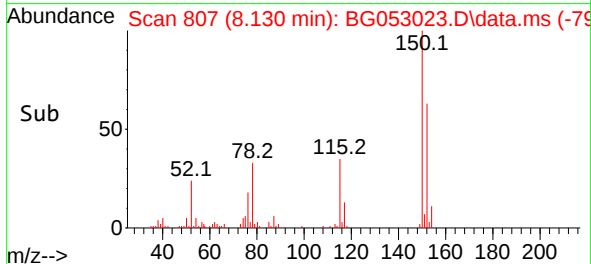
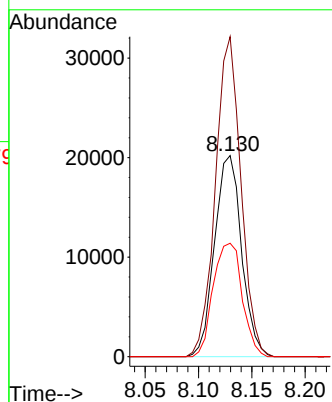
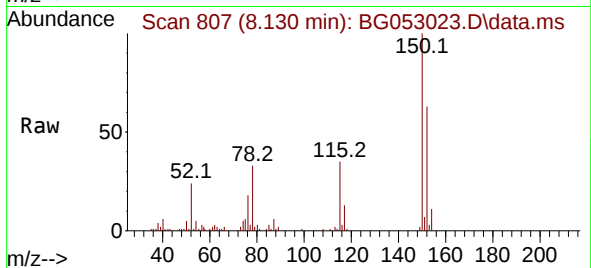




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.130 min Scan# 80
Delta R.T. -0.016 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

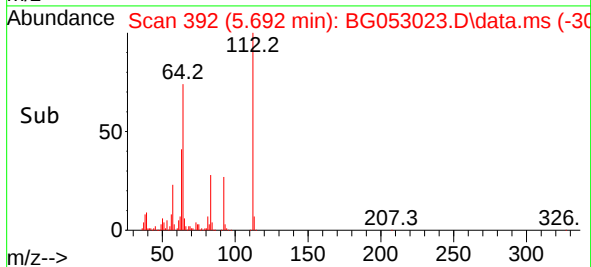
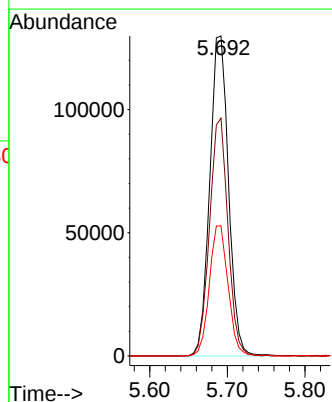
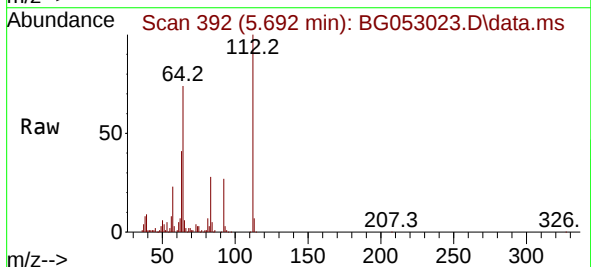
Instrument :
BNA_G
ClientSampleId :
A05140

Tgt Ion:152 Resp: 35568
Ion Ratio Lower Upper
152 100
150 159.0 114.6 172.0
115 56.4 45.9 68.9



#5
2-Fluorophenol
Concen: 106.885 ng
RT: 5.692 min Scan# 392
Delta R.T. -0.005 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

Tgt Ion:112 Resp: 218299
Ion Ratio Lower Upper
112 100
64 74.4 48.0 72.0#
63 40.6 26.5 39.7#

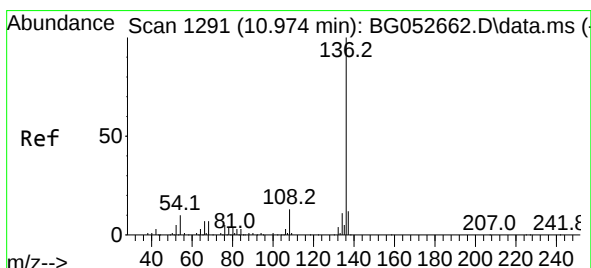
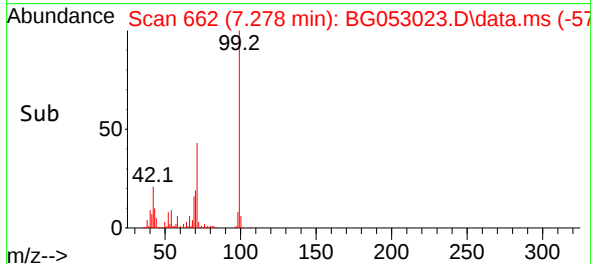
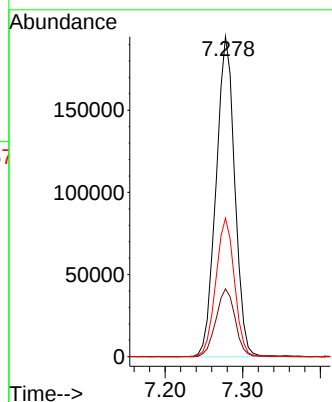
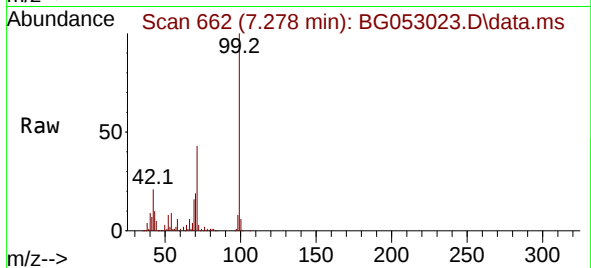




#7
Phenol-d6
Concen: 106.110 ng
RT: 7.278 min Scan# 60
Delta R.T. -0.011 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

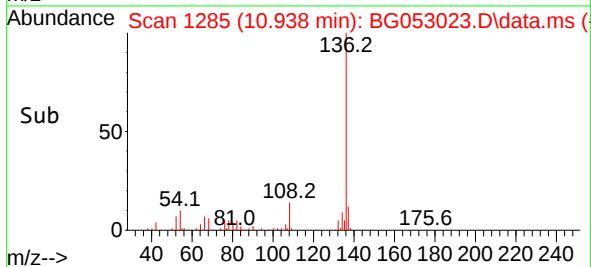
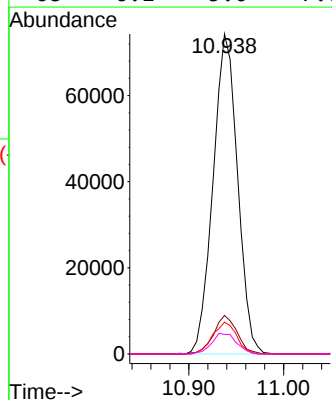
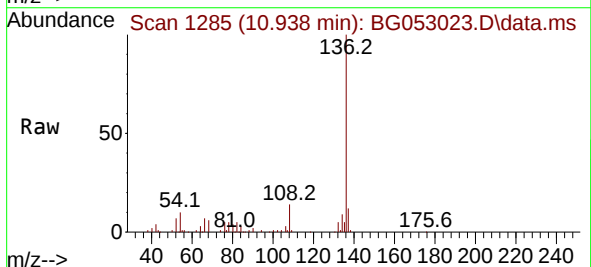
Instrument :
BNA_G
ClientSampleId :
A05140

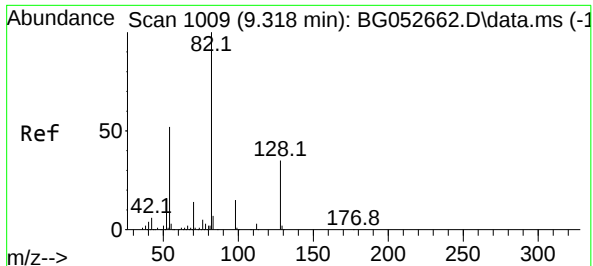
Tgt Ion: 99 Resp: 326721
Ion Ratio Lower Upper
99 100
42 21.2 14.7 22.1
71 43.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.938 min Scan# 1285
Delta R.T. -0.022 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

Tgt Ion: 136 Resp: 133231
Ion Ratio Lower Upper
136 100
137 12.1 9.4 14.2
54 10.0 6.4 9.6#
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.441 ng

RT: 9.287 min Scan# 1004

Delta R.T. -0.017 min

Lab File: BG053023.D

Acq: 5 Apr 2022 00:52

Instrument :

BNA_G

ClientSampleId :

A05140

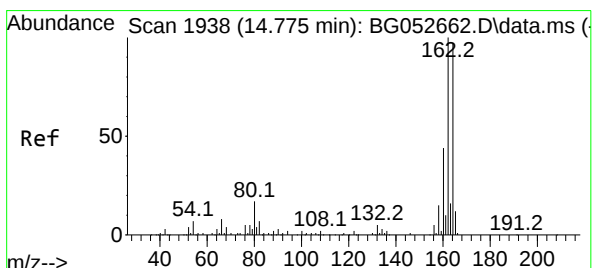
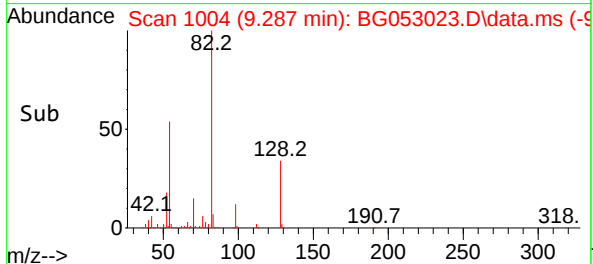
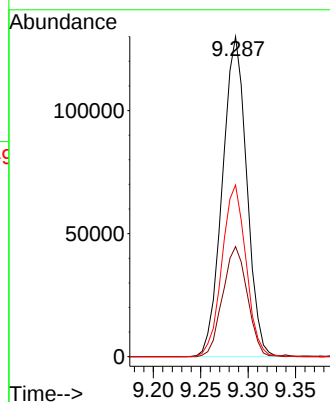
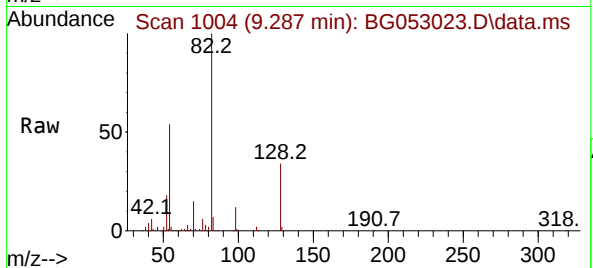
Tgt Ion: 82 Resp: 232113

Ion Ratio Lower Upper

82 100

128 34.4 31.3 46.9

54 53.6 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.750 min Scan# 1934

Delta R.T. -0.017 min

Lab File: BG053023.D

Acq: 5 Apr 2022 00:52

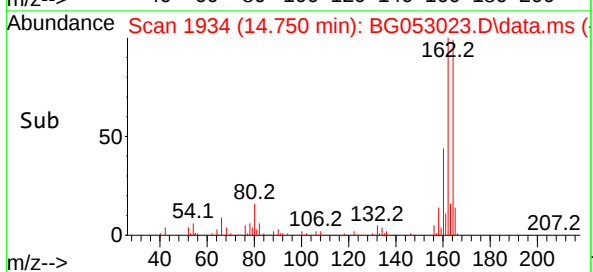
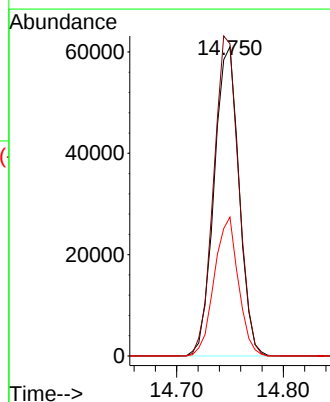
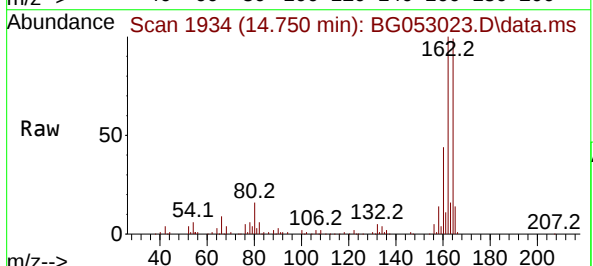
Tgt Ion:164 Resp: 98929

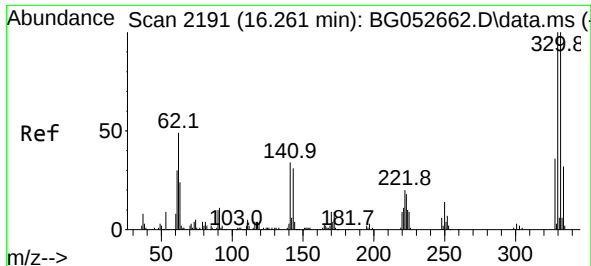
Ion Ratio Lower Upper

164 100

162 101.0 80.0 120.0

160 44.9 38.8 58.2

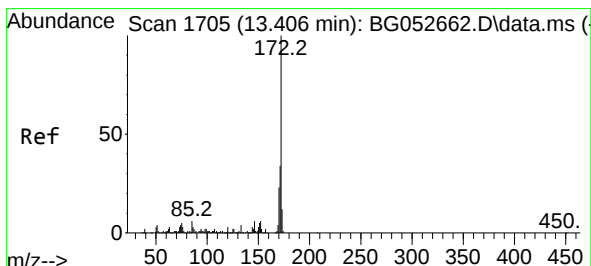
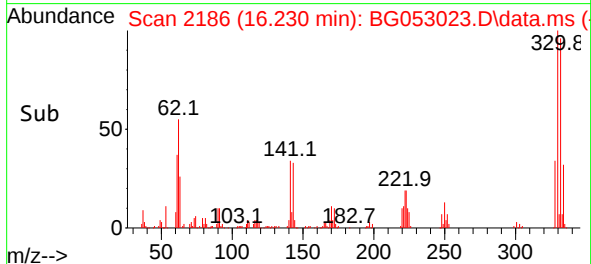
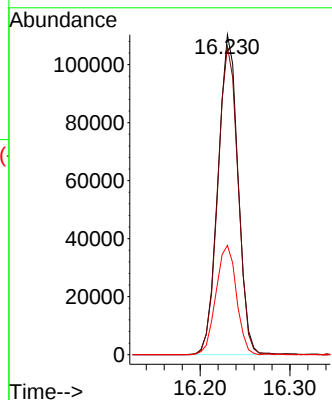
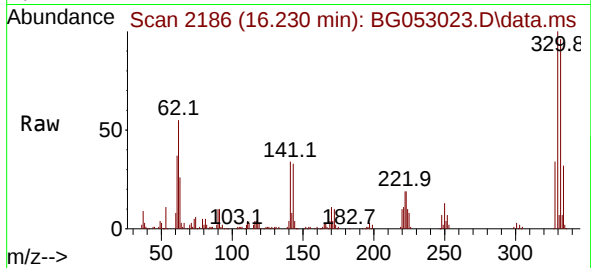




#42
2,4,6-Tribromophenol
Concen: 128.636 ng
RT: 16.230 min Scan# 2191
Delta R.T. -0.017 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

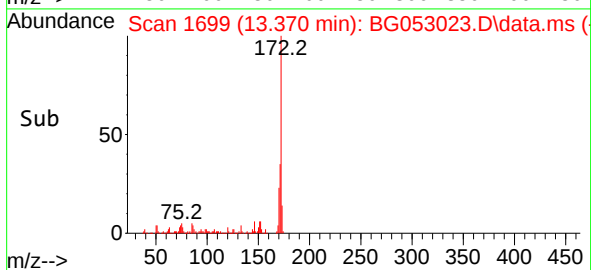
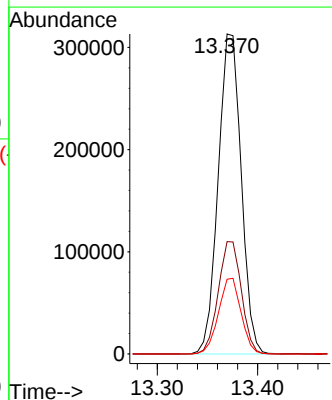
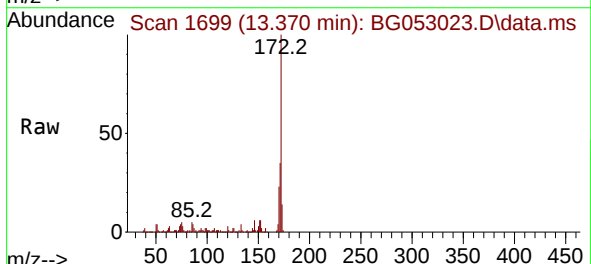
Instrument :
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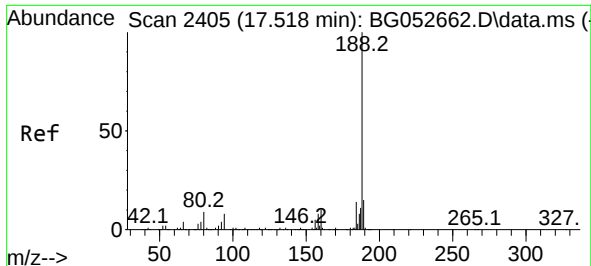
Tgt Ion:330 Resp: 171001
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 34.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 74.334 ng
RT: 13.370 min Scan# 1699
Delta R.T. -0.022 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

Tgt Ion:172 Resp: 498610
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 18.0 27.0

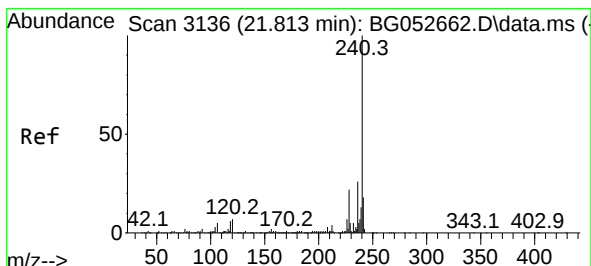
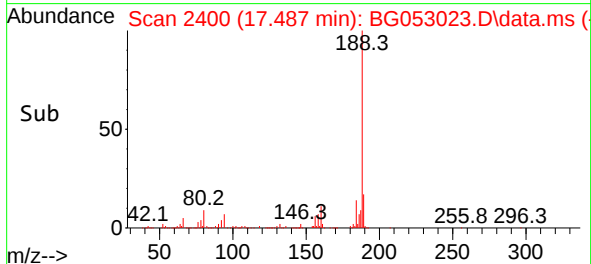
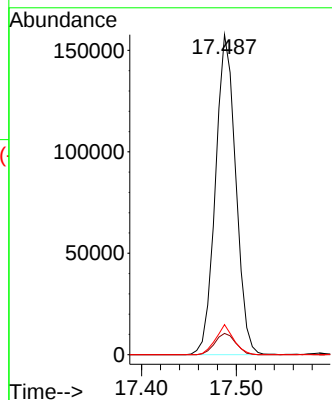
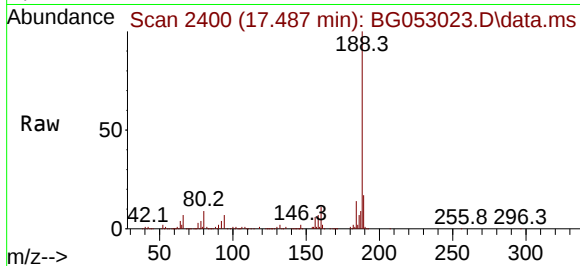




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.487 min Scan# 2405
Delta R.T. -0.017 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

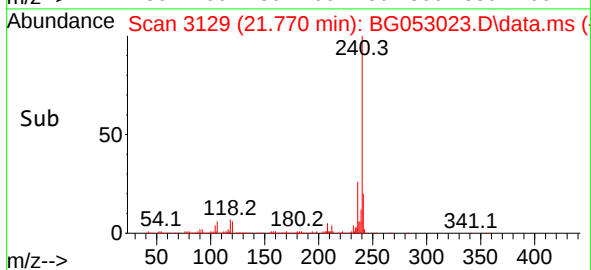
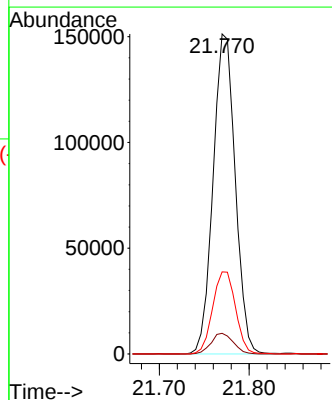
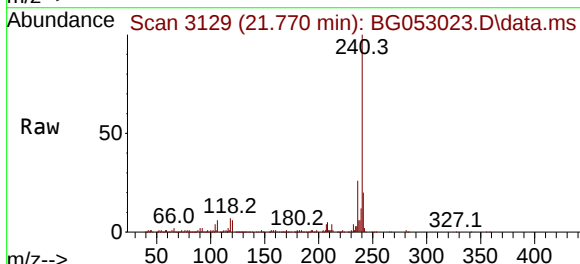
Instrument :
BNA_G
ClientSampleId :
A05140

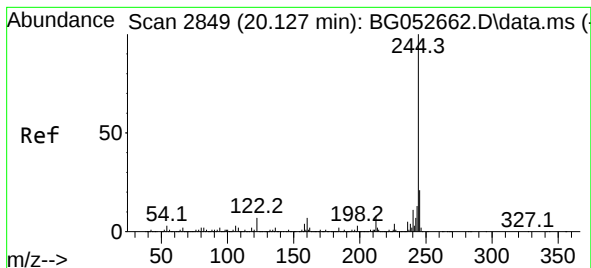
Tgt Ion:188 Resp: 234570
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 9.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.770 min Scan# 3129
Delta R.T. -0.028 min
Lab File: BG053023.D
Acq: 5 Apr 2022 00:52

Tgt Ion:240 Resp: 258990
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.7 19.8 29.6





#79

Terphenyl-d14

Concen: 68.909 ng

RT: 20.096 min Scan# 21

Delta R.T. -0.017 min

Lab File: BG053023.D

Acq: 5 Apr 2022 00:52

Instrument :

BNA_G

ClientSampleId :

A05140

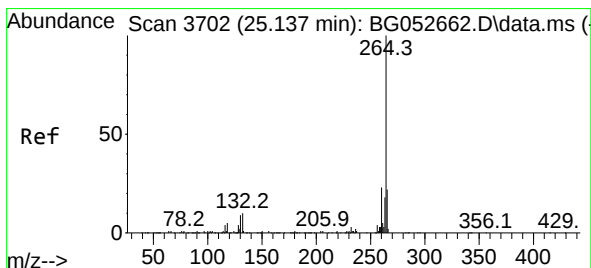
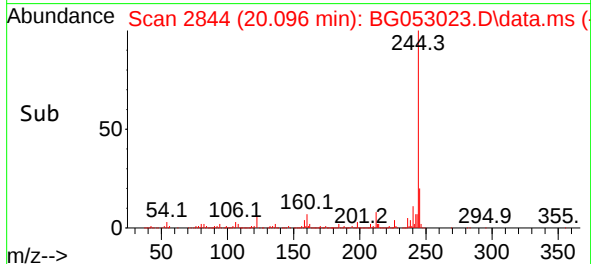
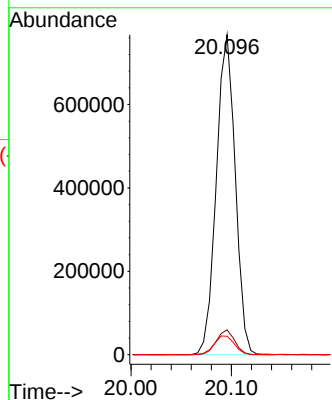
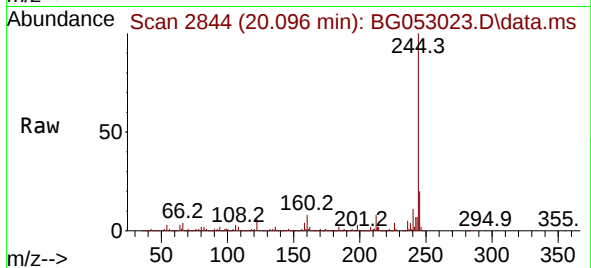
Tgt Ion:244 Resp: 1003282

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.2

122 5.7 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.077 min Scan# 3692

Delta R.T. -0.034 min

Lab File: BG053023.D

Acq: 5 Apr 2022 00:52

Tgt Ion:264 Resp: 273588

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.2

265 22.4 15.1 22.7

