

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052338.D
 Acq On : 9 Feb 2022 17:05
 Operator : CG/JU
 Sample : N1423-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Quant Time: Feb 10 00:07:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	25720	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	107602	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	84027	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	206391	20.000	ng	0.00
76) Chrysene-d12	21.940	240	194345	20.000	ng	0.00
86) Perylene-d12	25.412	264	197862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	132494	89.782	ng	0.00
7) Phenol-d6	7.372	99	190148	83.509	ng	0.00
23) Nitrobenzene-d5	9.398	82	133758	54.026	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	109978	91.103	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	321884	53.229	ng	0.00
79) Terphenyl-d14	20.219	244	609178	55.351	ng	0.00

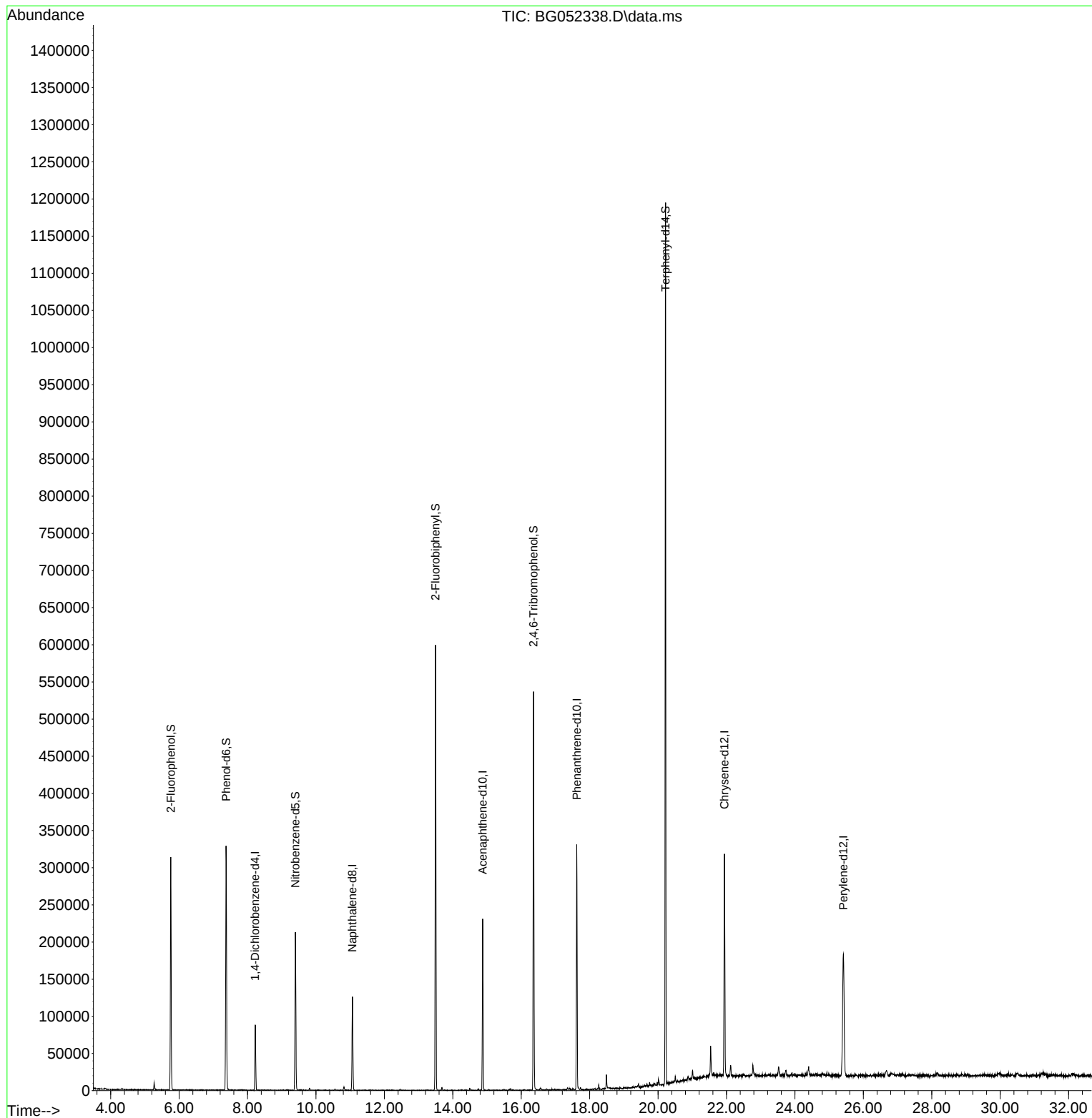
Target Compounds	Qvalue

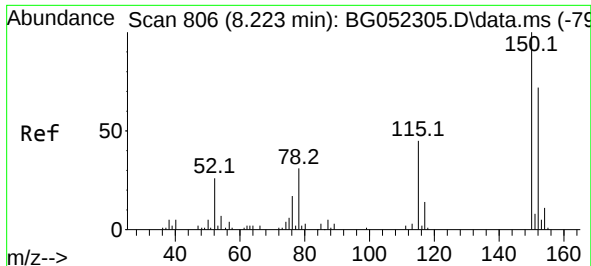
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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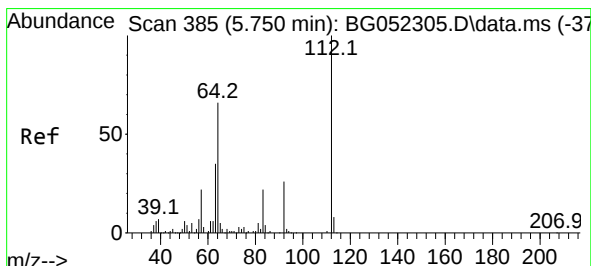
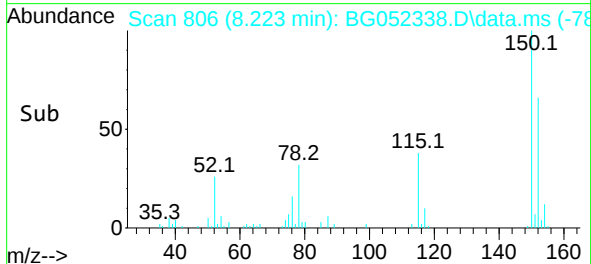
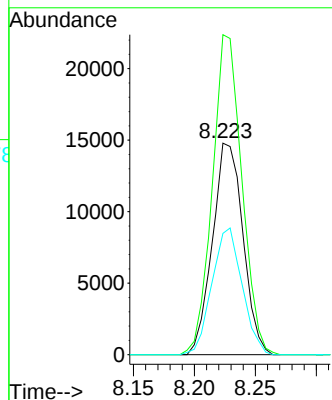
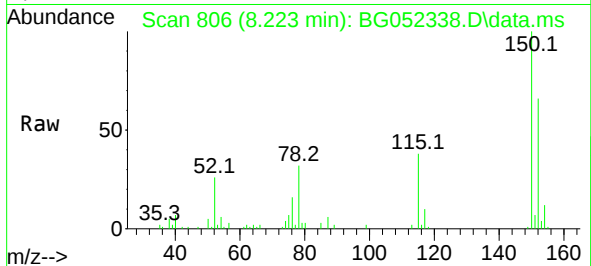




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. 0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

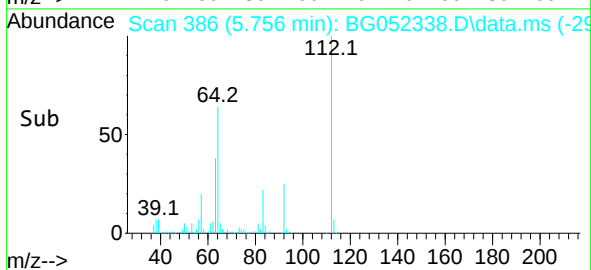
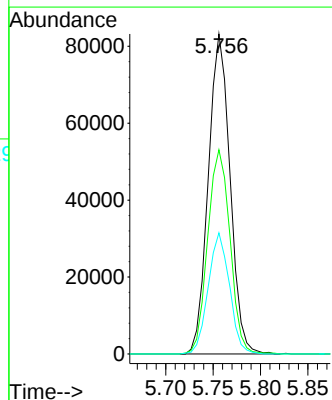
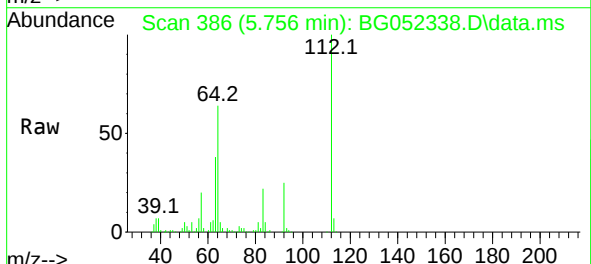
Instrument :
BNA_G
ClientSampleId :
TP-23

Tgt Ion:152 Resp: 25720
Ion Ratio Lower Upper
152 100
150 151.3 117.8 176.8
115 57.3 50.2 75.2



#5
2-Fluorophenol
Concen: 89.782 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.006 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:112 Resp: 132494
Ion Ratio Lower Upper
112 100
64 63.8 60.4 90.6
63 37.8 33.3 49.9

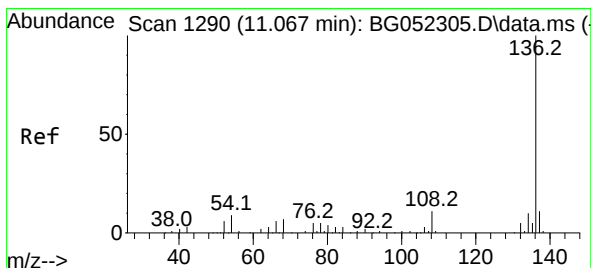
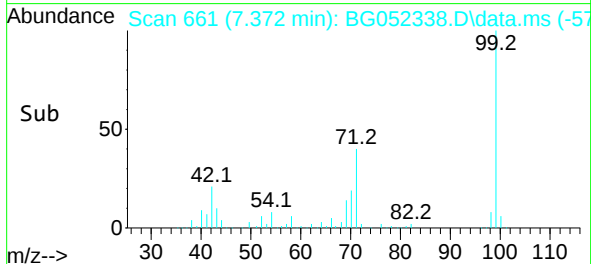
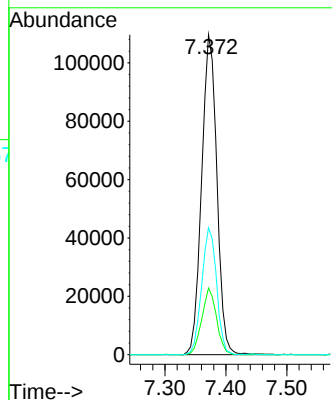
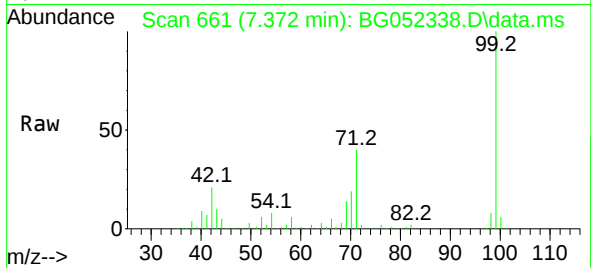




#7
Phenol-d6
Concen: 83.509 ng
RT: 7.372 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

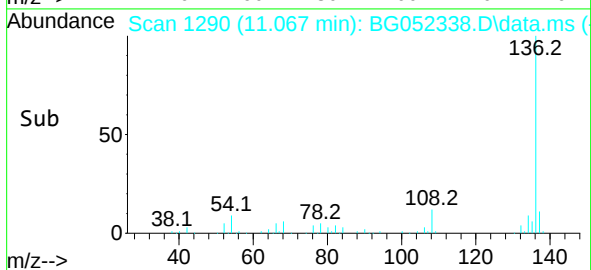
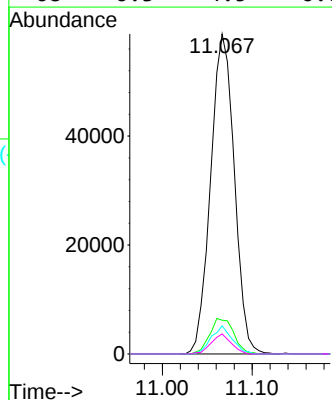
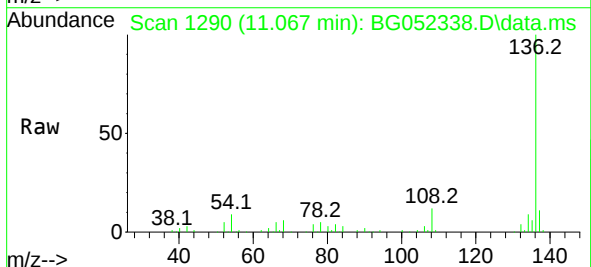
Instrument :
BNA_G
ClientSampleId :
TP-23

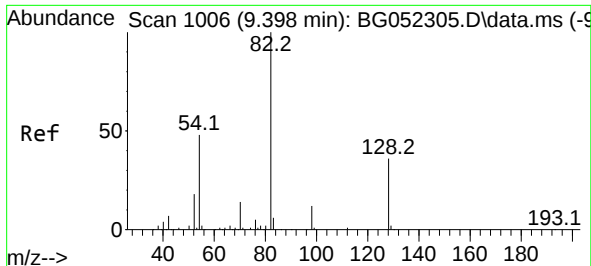
Tgt Ion: 99 Resp: 190148
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 39.7 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion: 136 Resp: 107602
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.8 8.3 12.5
68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 54.026 ng

RT: 9.398 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BG052338.D

Acq: 9 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

TP-23

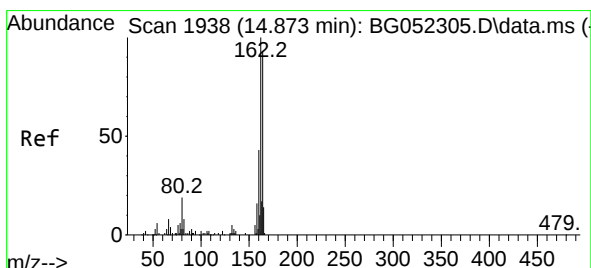
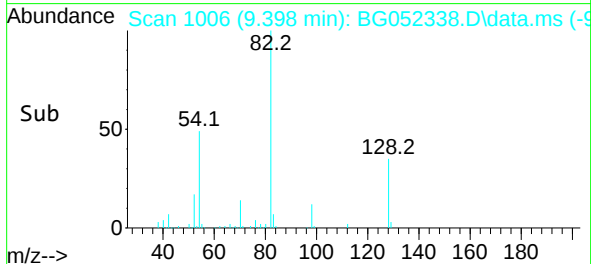
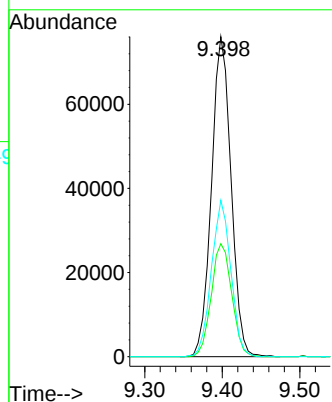
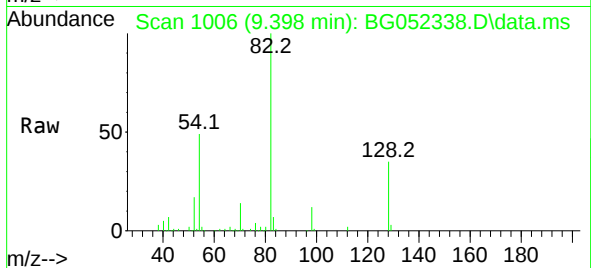
Tgt Ion: 82 Resp: 133758

Ion Ratio Lower Upper

82 100

128 35.3 27.0 40.4

54 48.8 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.873 min Scan# 1938

Delta R.T. 0.000 min

Lab File: BG052338.D

Acq: 9 Feb 2022 17:05

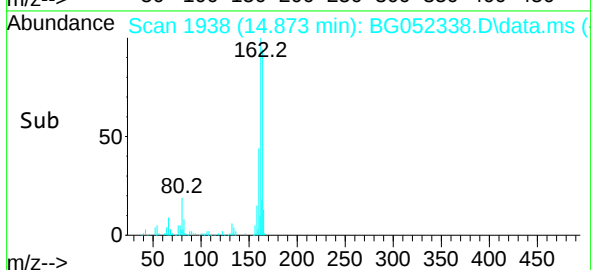
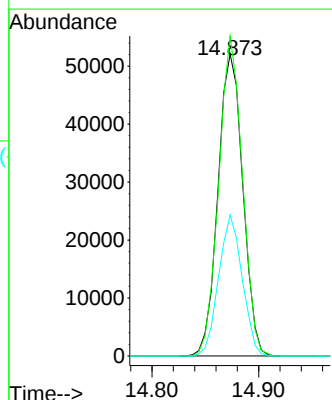
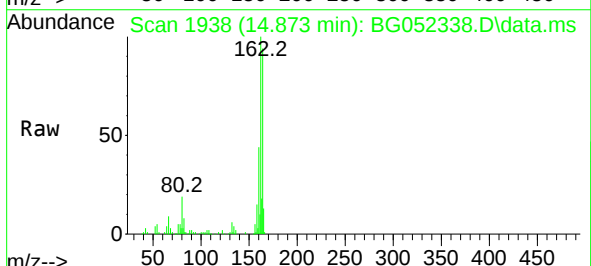
Tgt Ion:164 Resp: 84027

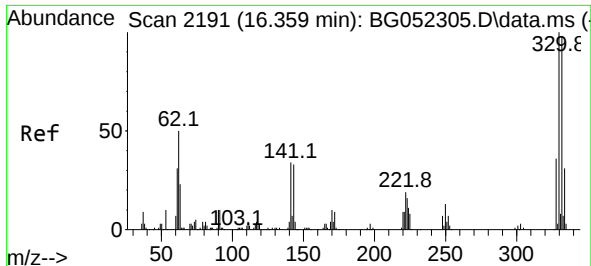
Ion Ratio Lower Upper

164 100

162 106.0 82.2 123.2

160 46.7 36.2 54.2

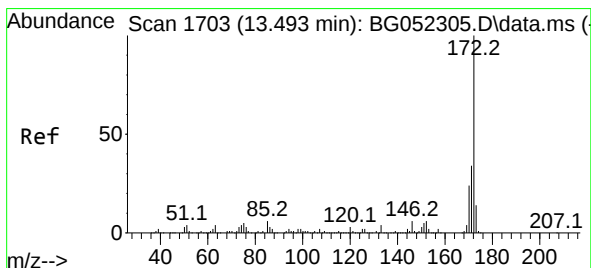
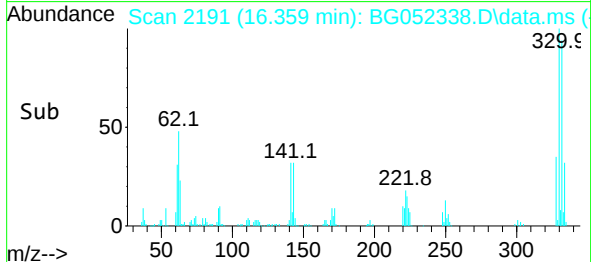
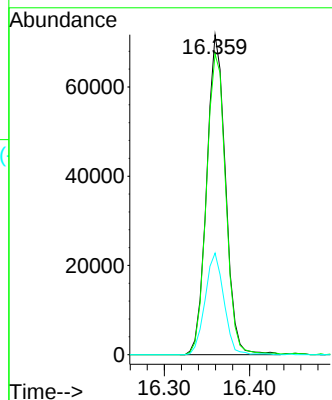
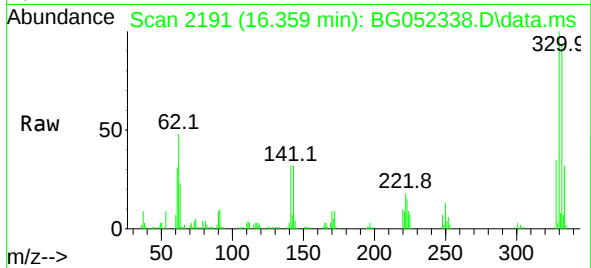




#42
2,4,6-Tribromophenol
Concen: 91.103 ng
RT: 16.359 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

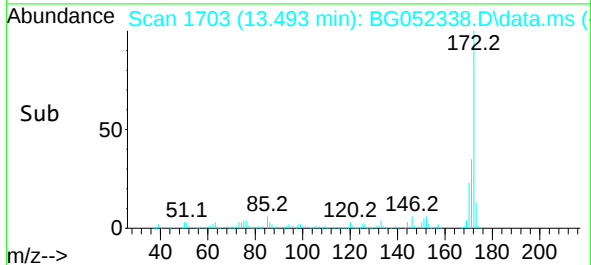
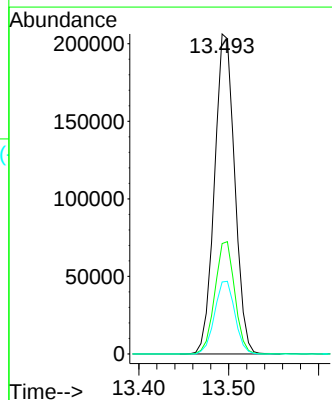
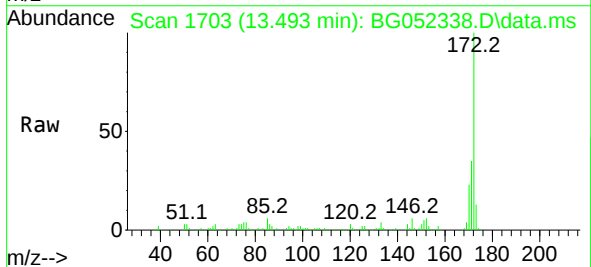
Instrument :
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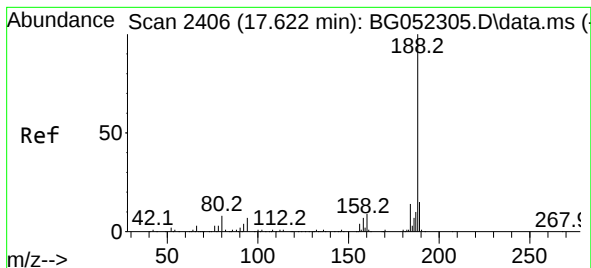
Tgt Ion:330 Resp: 109978
Ion Ratio Lower Upper
330 100
332 96.4 78.6 117.8
141 31.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 53.229 ng
RT: 13.493 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG052338.D
Acq: 9 Feb 2022 17:05

Tgt Ion:172 Resp: 321884
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 22.5 18.3 27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.622 min Scan# 2406

Delta R.T. -0.000 min

Lab File: BG052338.D

Acq: 9 Feb 2022 17:05

Instrument :

BNA_G

ClientSampleId :

TP-23

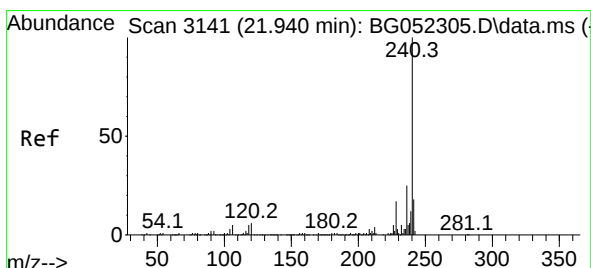
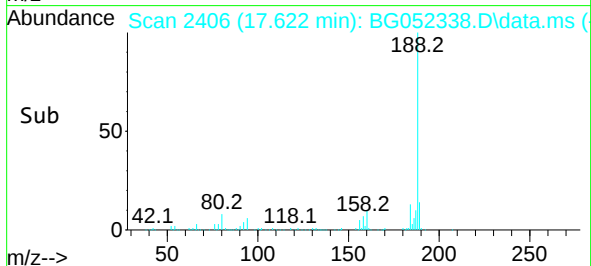
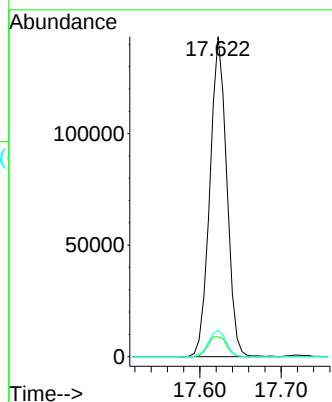
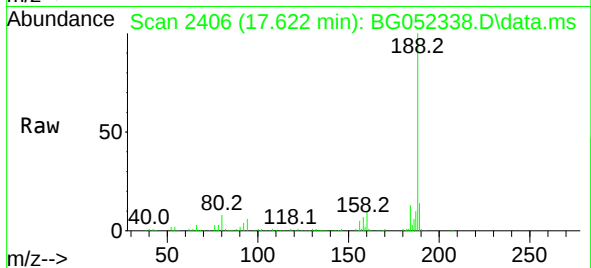
Tgt Ion:188 Resp: 206391

Ion Ratio Lower Upper

188 100

94 6.2 5.9 8.9

80 8.1 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.940 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BG052338.D

Acq: 9 Feb 2022 17:05

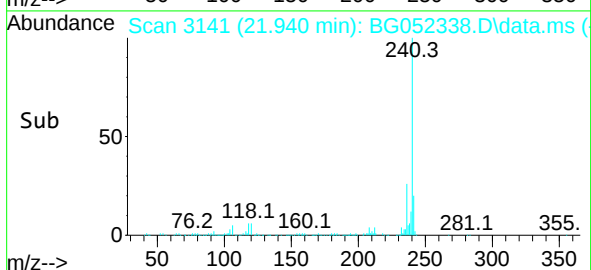
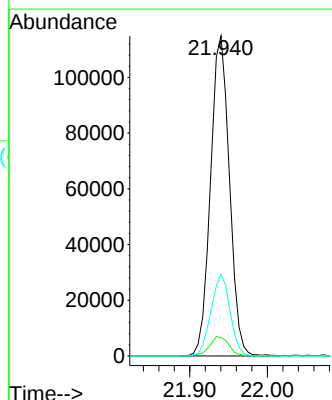
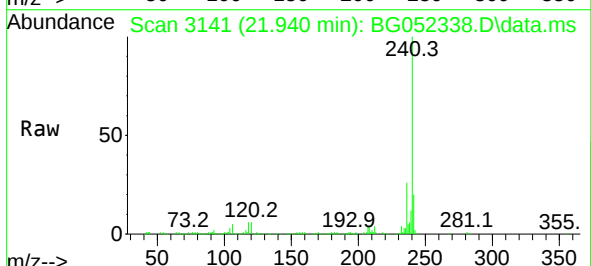
Tgt Ion:240 Resp: 194345

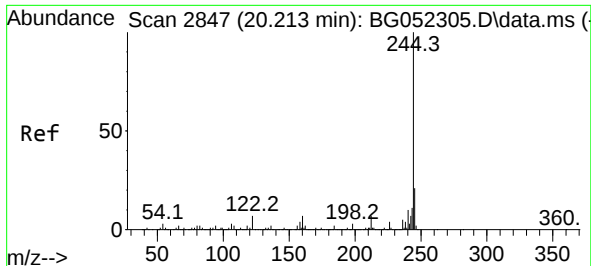
Ion Ratio Lower Upper

240 100

120 5.8 4.4 6.6

236 25.5 20.8 31.2

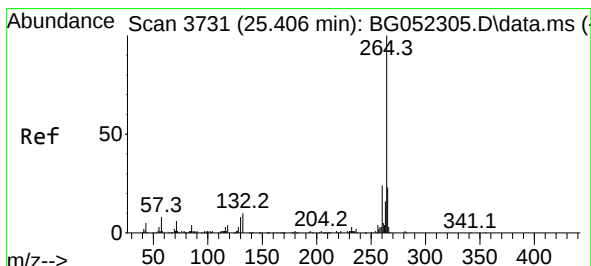
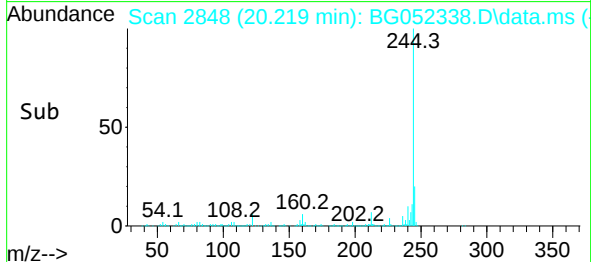
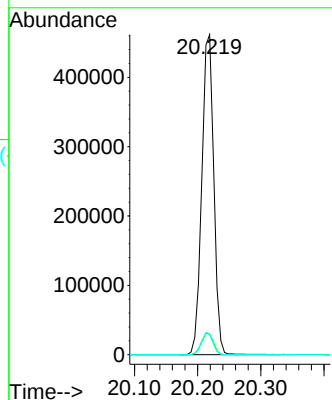
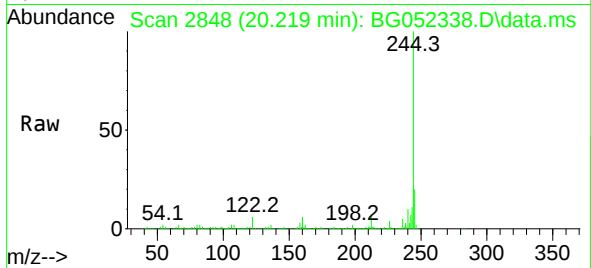




#79
 Terphenyl-d14
 Concen: 55.351 ng
 RT: 20.219 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG052338.D
 Acq: 9 Feb 2022 17:05

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Tgt Ion:244 Resp: 609178
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 6.3 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.412 min Scan# 3732
 Delta R.T. 0.006 min
 Lab File: BG052338.D
 Acq: 9 Feb 2022 17:05

Tgt Ion:264 Resp: 197862
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.5 27.7
 265 21.3 17.8 26.6

