

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
 Data File : BG052325.D
 Acq On : 8 Feb 2022 18:50
 Operator : CG/JU
 Sample : N1421-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Quant Time: Feb 09 01:26:08 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	8.226	152	33759	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	144282	20.000	ng	0.00
39) Acenaphthene-d10	14.876	164	98828	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	209591	20.000	ng	0.00
76) Chrysene-d12	21.943	240	175211	20.000	ng	0.00
86) Perylene-d12	25.420	264	166302	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	284026	146.633	ng	0.00
7) Phenol-d6	7.374	99	407275	136.273	ng	0.00
23) Nitrobenzene-d5	9.401	82	297846	89.718	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	187175	131.830	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	659215	92.686	ng	0.00
79) Terphenyl-d14	20.222	244	891480	89.848	ng	0.00

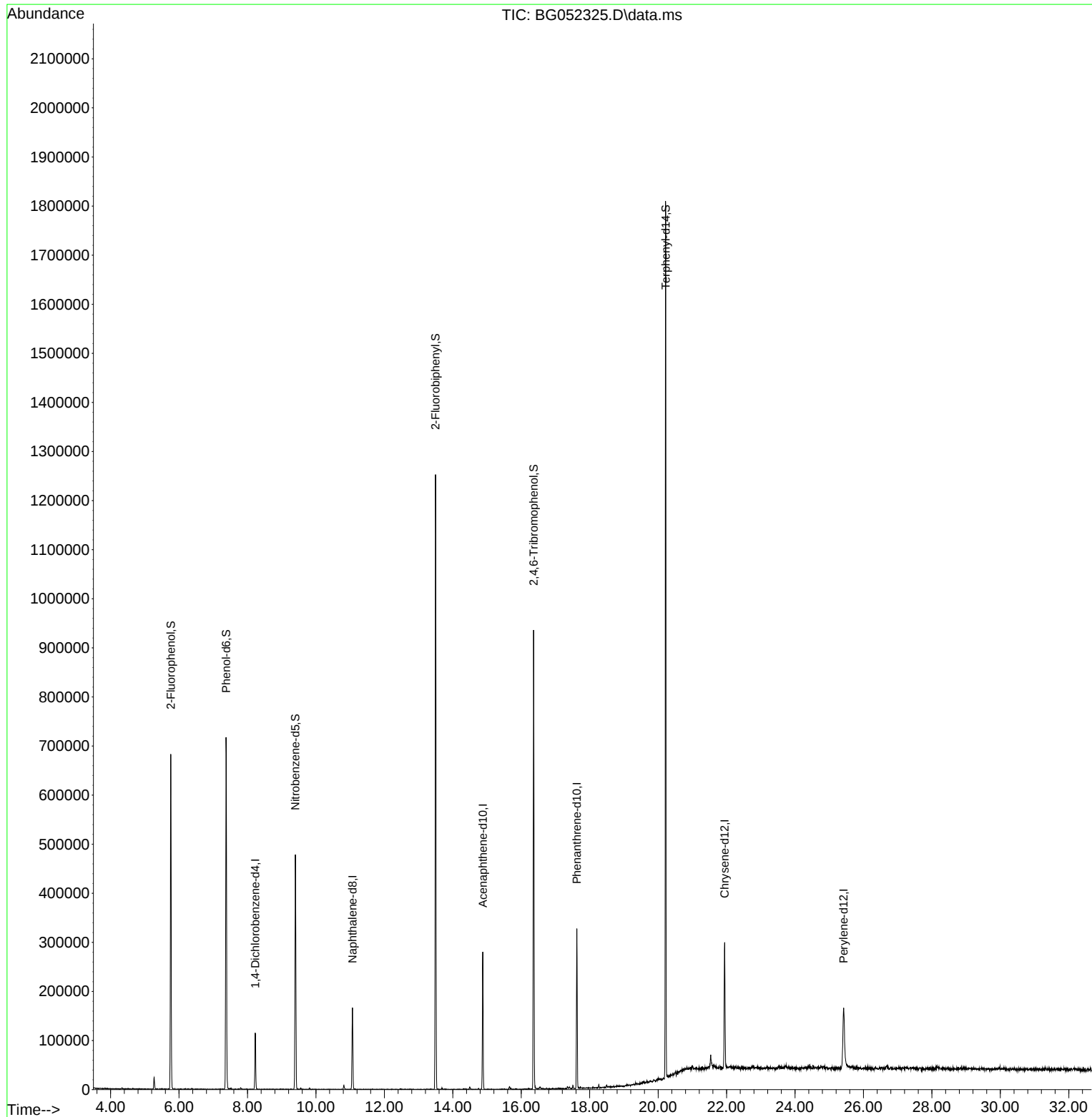
Target Compounds	Qvalue

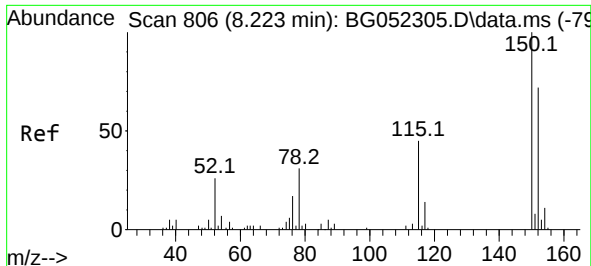
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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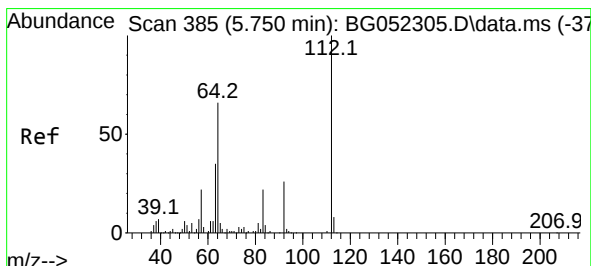
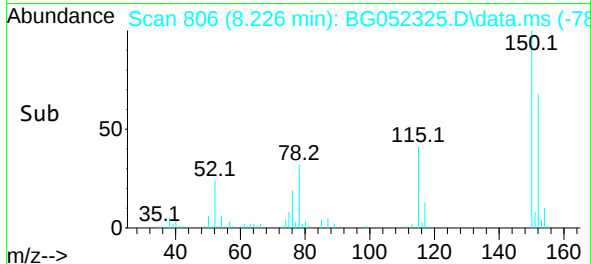
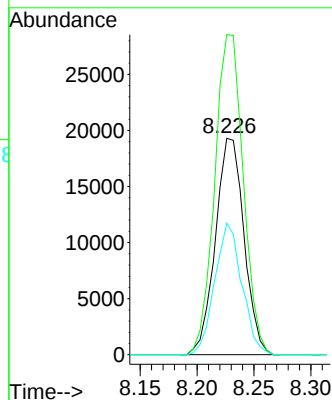
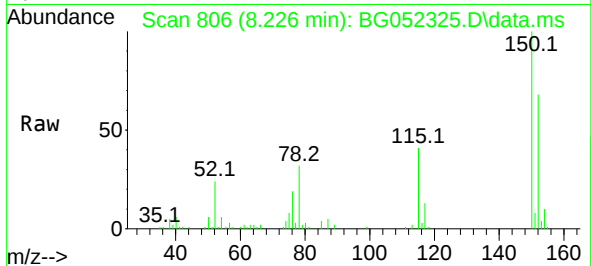




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 806
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

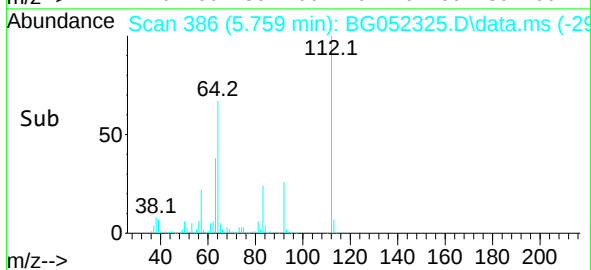
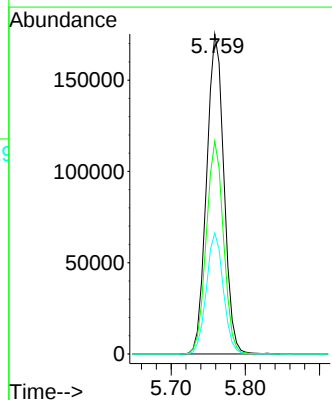
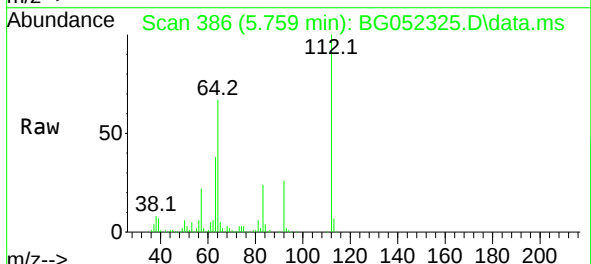
Instrument :
BNA_G
ClientSampleId :
SB-5

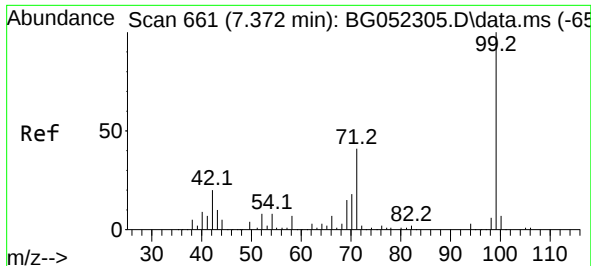
Tgt Ion:152 Resp: 33759
Ion Ratio Lower Upper
152 100
150 147.9 117.8 176.8
115 60.7 50.2 75.2



#5
2-Fluorophenol
Concen: 146.633 ng
RT: 5.759 min Scan# 386
Delta R.T. 0.009 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:112 Resp: 284026
Ion Ratio Lower Upper
112 100
64 66.5 60.4 90.6
63 37.8 33.3 49.9

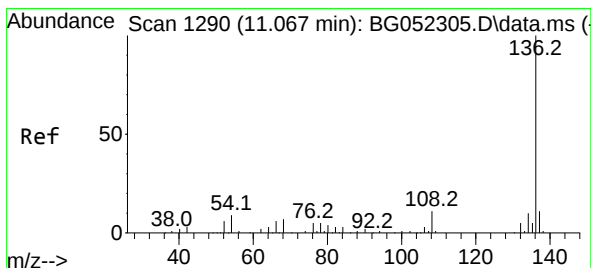
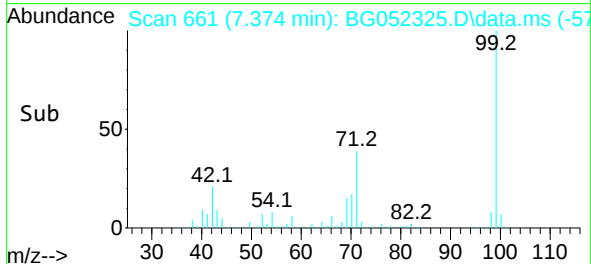
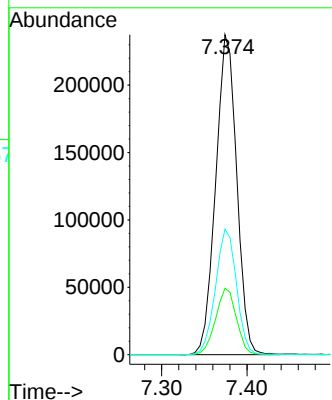
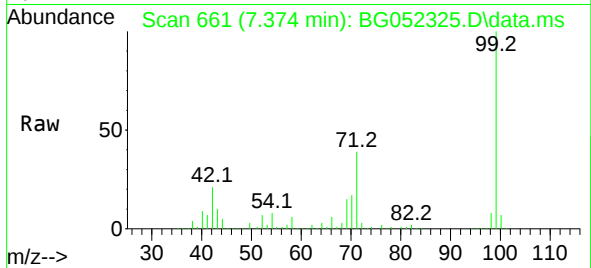




#7
Phenol-d6
Concen: 136.273 ng
RT: 7.374 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

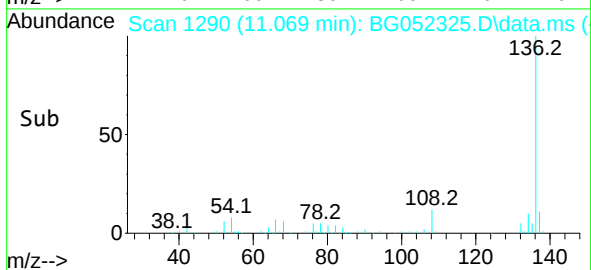
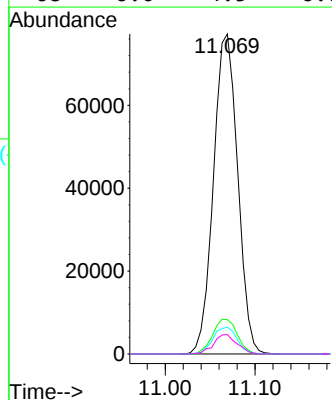
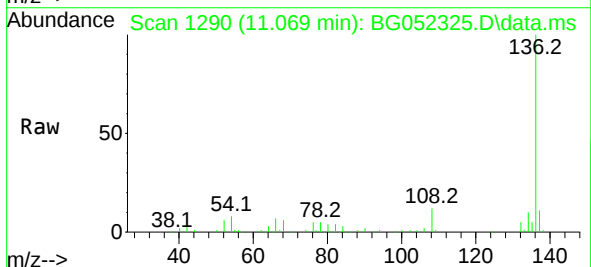
Instrument :
BNA_G
ClientSampleId :
SB-5

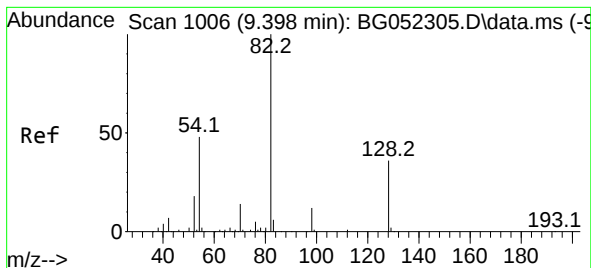
Tgt Ion: 99 Resp: 407275
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 39.2 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion: 136 Resp: 144282
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.4 8.3 12.5
68 6.0 4.5 6.7





#23

Nitrobenzene-d5

Concen: 89.718 ng

RT: 9.401 min Scan# 1006

Delta R.T. 0.003 min

Lab File: BG052325.D

Acq: 8 Feb 2022 18:50

Instrument :

BNA_G

ClientSampleId :

SB-5

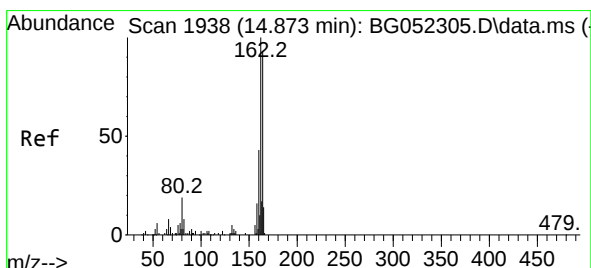
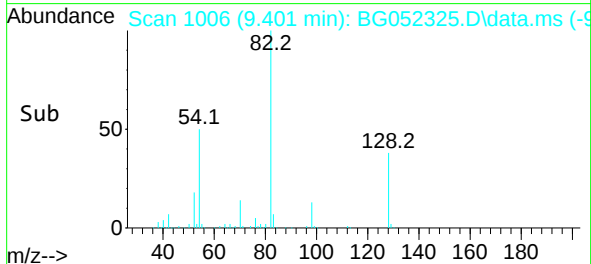
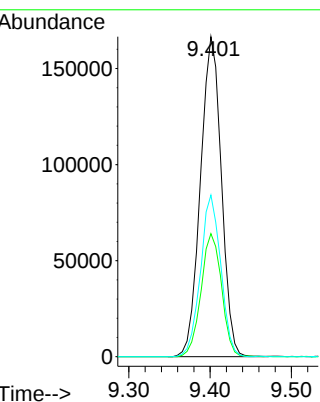
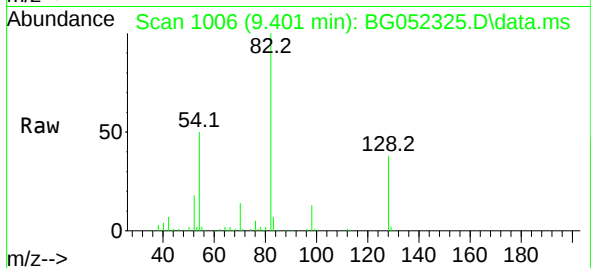
Tgt Ion: 82 Resp: 297846

Ion Ratio Lower Upper

82 100

128 38.4 27.0 40.4

54 50.5 41.0 61.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.876 min Scan# 1938

Delta R.T. 0.003 min

Lab File: BG052325.D

Acq: 8 Feb 2022 18:50

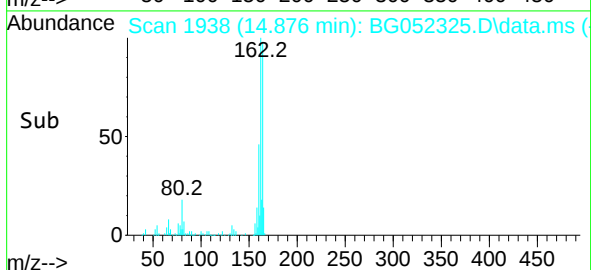
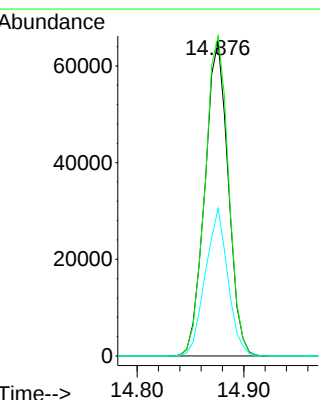
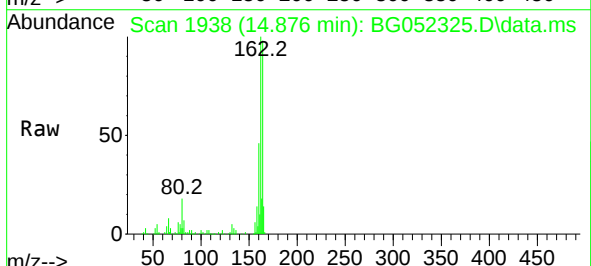
Tgt Ion: 164 Resp: 98828

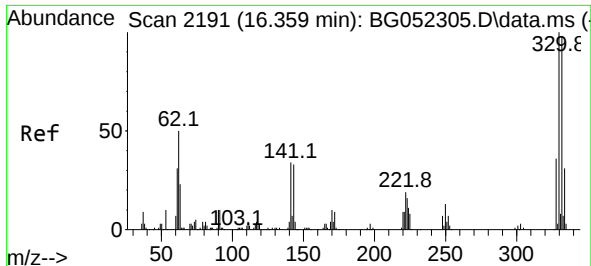
Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

160 47.0 36.2 54.2

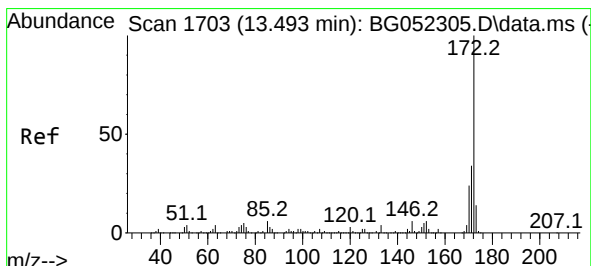
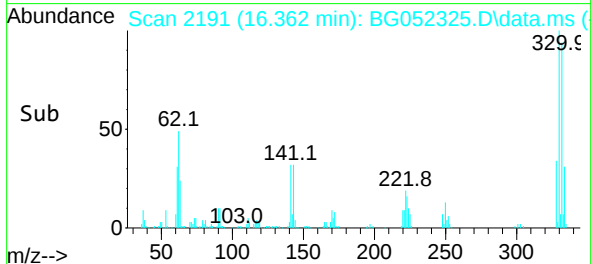
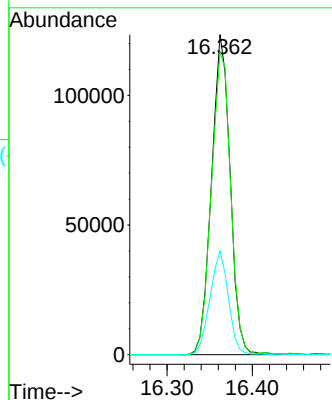
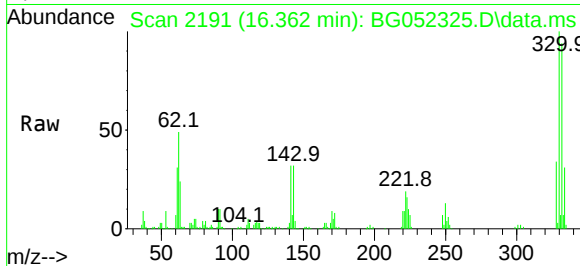




#42
2,4,6-Tribromophenol
Concen: 131.830 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

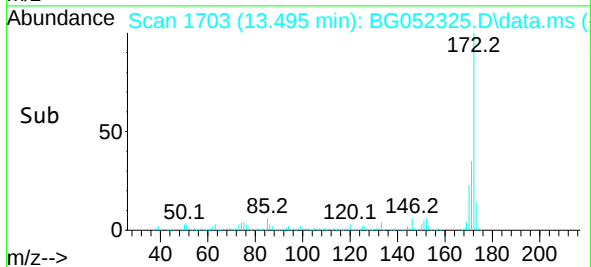
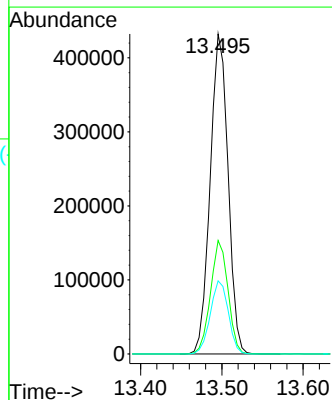
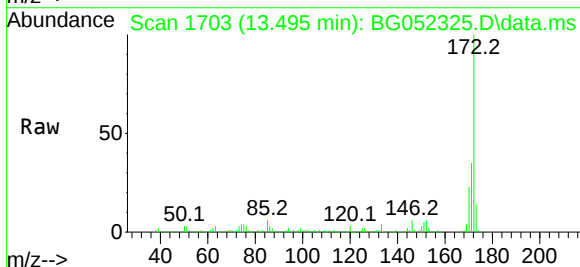
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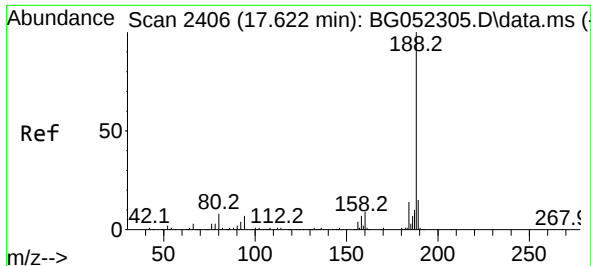
Tgt Ion:330 Resp: 187175
Ion Ratio Lower Upper
330 100
332 97.9 78.6 117.8
141 32.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 92.686 ng
RT: 13.495 min Scan# 1703
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:172 Resp: 659215
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 22.8 18.3 27.5

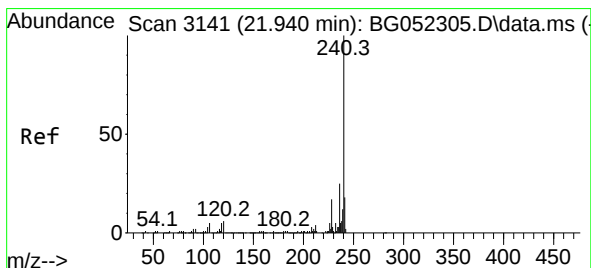
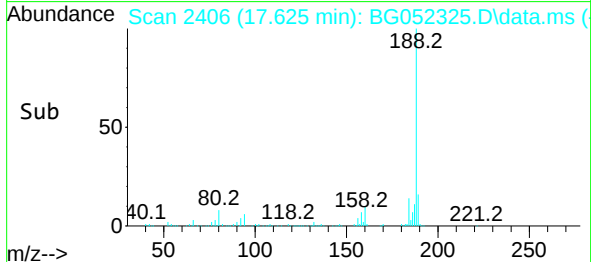
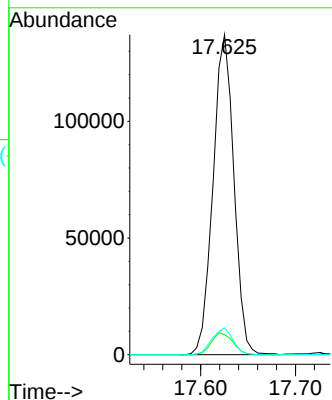
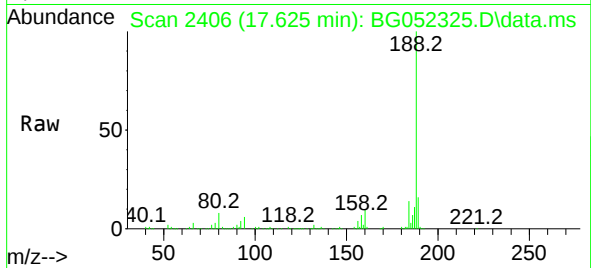




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2406
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

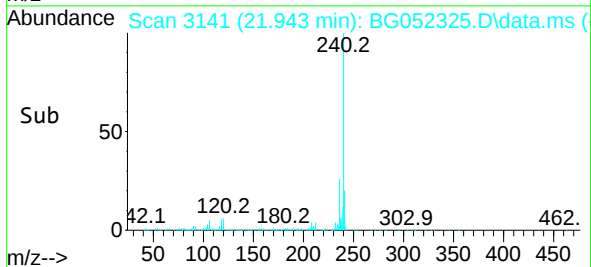
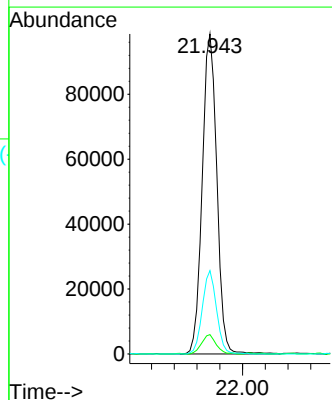
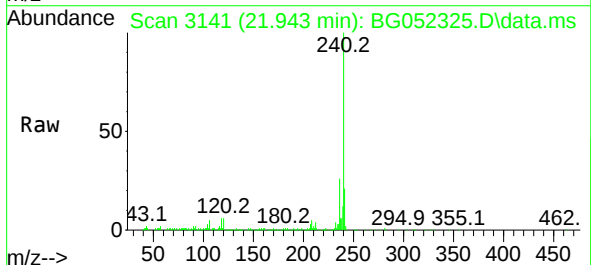
Instrument :
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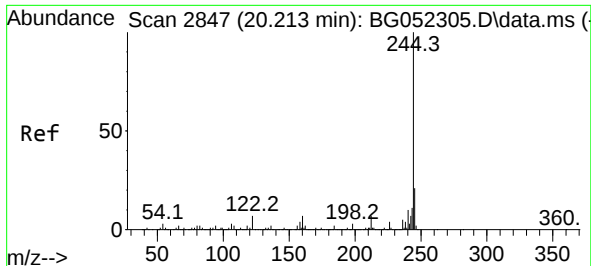
Tgt Ion:188 Resp: 209591
Ion Ratio Lower Upper
188 100
94 6.2 5.9 8.9
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.943 min Scan# 3141
Delta R.T. 0.003 min
Lab File: BG052325.D
Acq: 8 Feb 2022 18:50

Tgt Ion:240 Resp: 175211
Ion Ratio Lower Upper
240 100
120 6.1 4.4 6.6
236 26.0 20.8 31.2

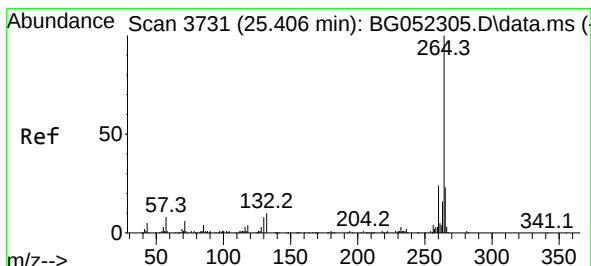
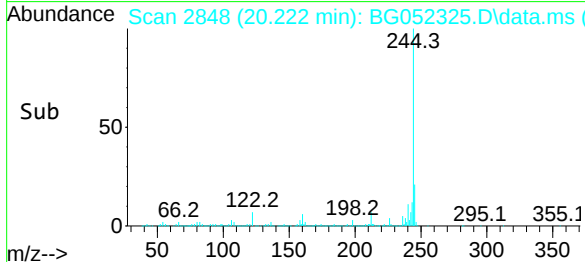
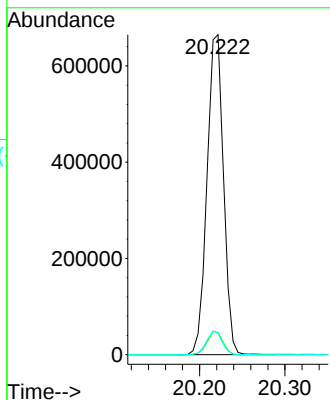
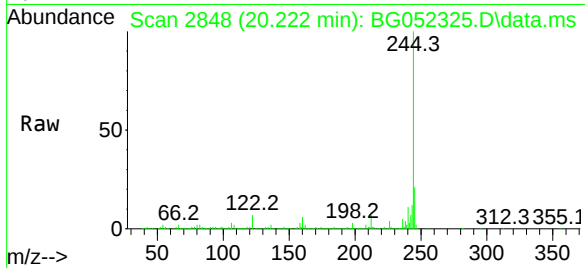




#79
 Terphenyl-d14
 Concen: 89.848 ng
 RT: 20.222 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: BG052325.D
 Acq: 8 Feb 2022 18:50

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Tgt Ion:244 Resp: 891480
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 6.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.420 min Scan# 3733
 Delta R.T. 0.014 min
 Lab File: BG052325.D
 Acq: 8 Feb 2022 18:50

Tgt Ion:264 Resp: 166302
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.5 27.7
 265 20.8 17.8 26.6

