

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021422\
 Data File : BG052381.D
 Acq On : 14 Feb 2022 13:27
 Operator : CG/JU
 Sample : PB142473BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142473BL

Quant Time: Feb 14 14:14:12 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	24036	20.000	ng	0.00
21) Naphthalene-d8	11.060	136	102551	20.000	ng	# 0.00
39) Acenaphthene-d10	14.867	164	73886	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	193993	20.000	ng	0.00
76) Chrysene-d12	21.934	240	222996	20.000	ng	0.00
86) Perylene-d12	25.405	264	215002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	204457	148.253	ng	0.00
7) Phenol-d6	7.371	99	275753	129.590	ng	0.00
23) Nitrobenzene-d5	9.398	82	197853	83.850	ng	0.00
42) 2,4,6-Tribromophenol	16.359	330	139591	131.505	ng	0.00
45) 2-Fluorobiphenyl	13.492	172	469721	88.338	ng	0.00
79) Terphenyl-d14	20.212	244	1049070	83.074	ng	0.00

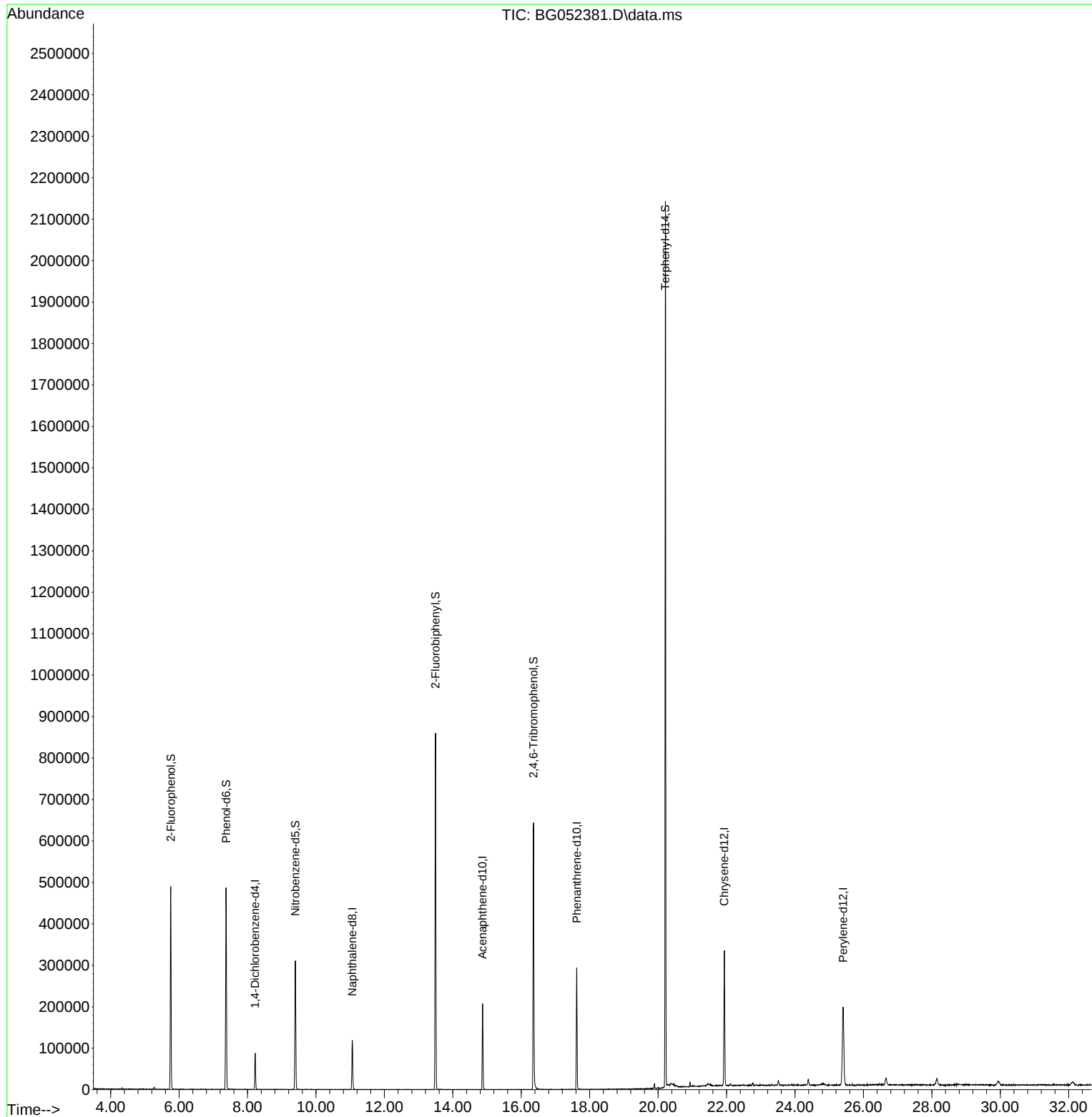
Target Compounds	Qvalue

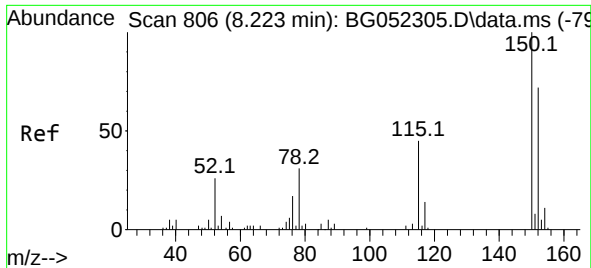
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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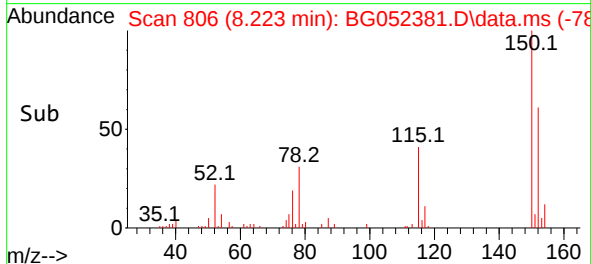
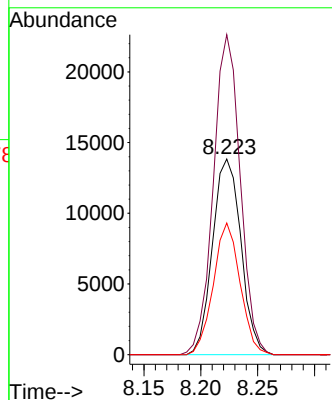
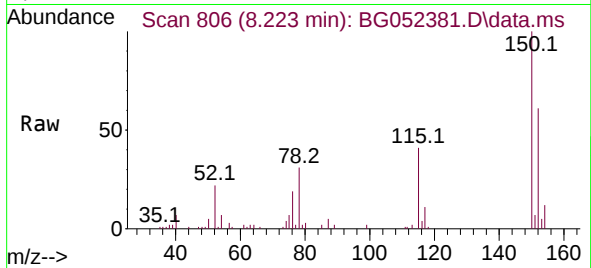




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 806
Delta R.T. -0.000 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

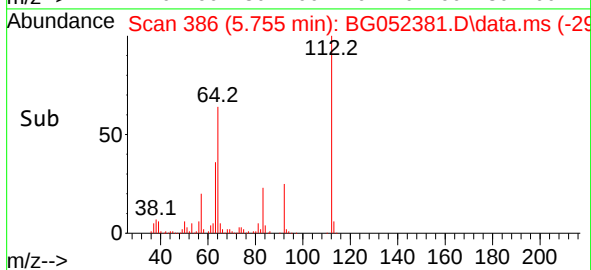
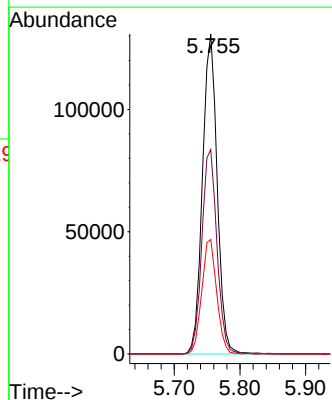
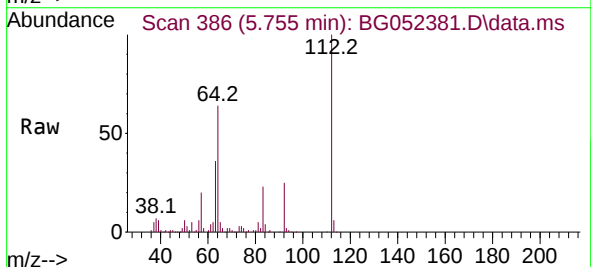
Instrument :
BNA_G
ClientSampleId :
PB142473BL

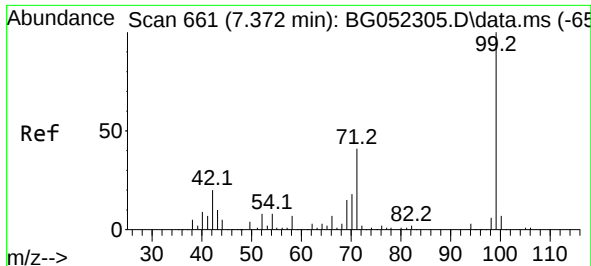
Tgt Ion:152 Resp: 24036
Ion Ratio Lower Upper
152 100
150 163.5 117.8 176.8
115 67.3 50.2 75.2



#5
2-Fluorophenol
Concen: 148.253 ng
RT: 5.755 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion:112 Resp: 204457
Ion Ratio Lower Upper
112 100
64 63.8 60.4 90.6
63 35.8 33.3 49.9

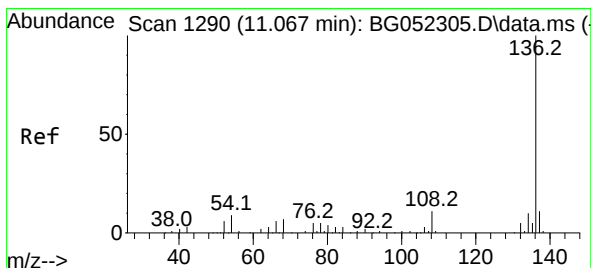
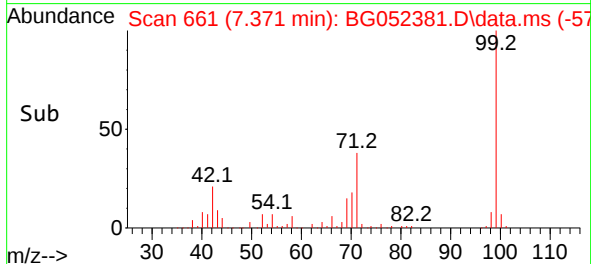
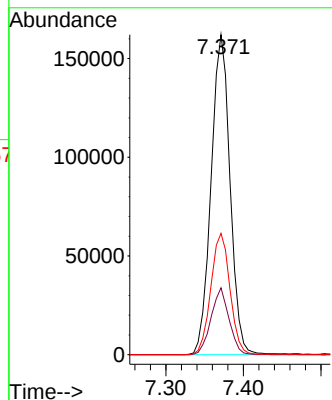
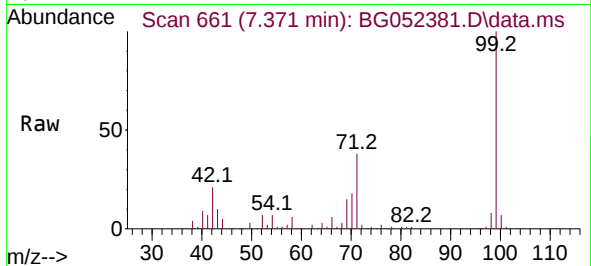




#7
Phenol-d6
Concen: 129.590 ng
RT: 7.371 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

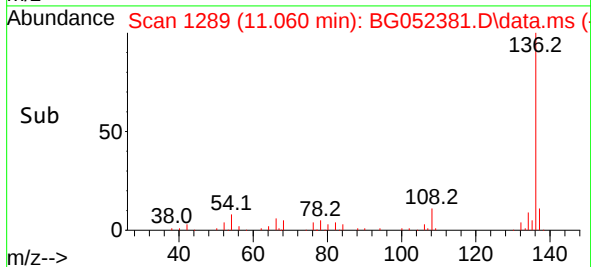
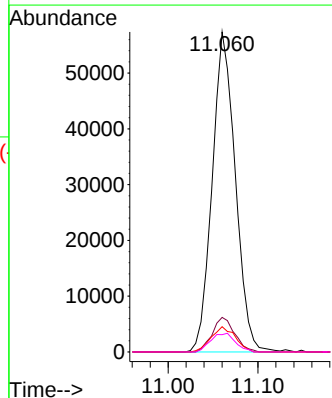
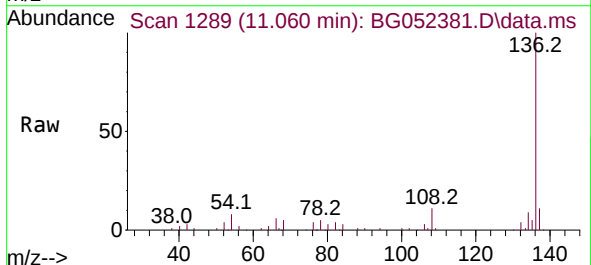
Instrument :
BNA_G
ClientSampleId :
PB142473BL

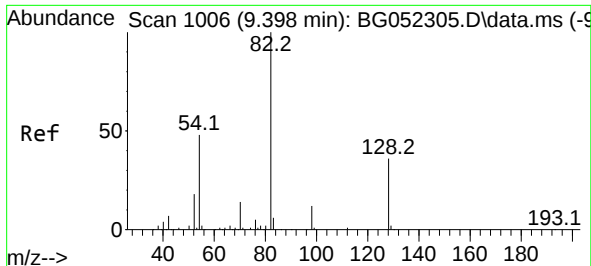
Tgt Ion: 99 Resp: 275753
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 37.9 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.060 min Scan# 1289
Delta R.T. -0.007 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion: 136 Resp: 102551
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 7.9 8.3 12.5#
68 5.4 4.5 6.7

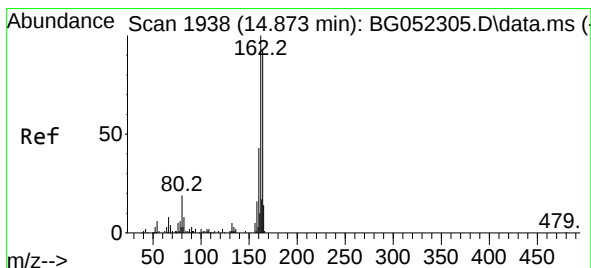
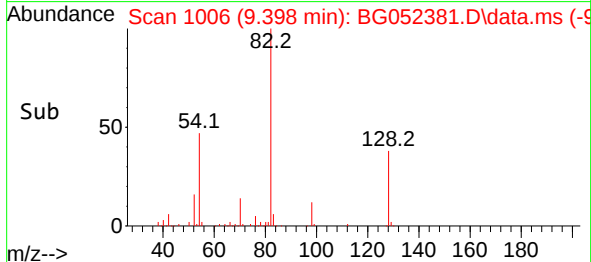
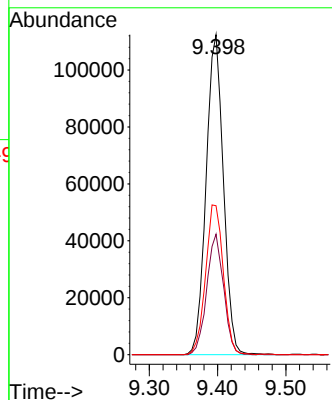
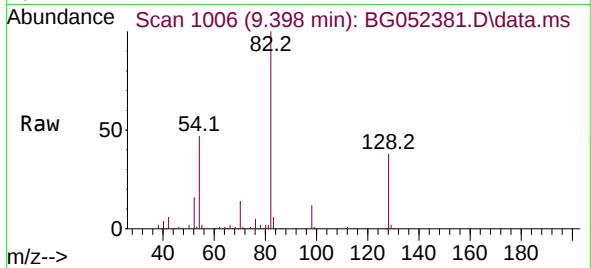




#23
Nitrobenzene-d5
Concen: 83.850 ng
RT: 9.398 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

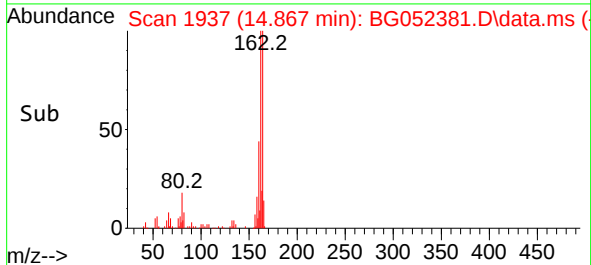
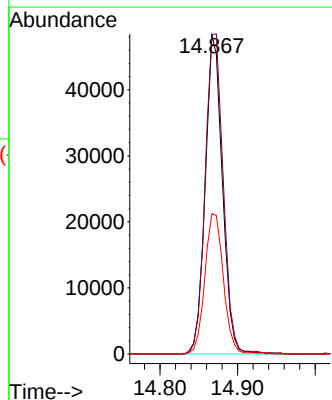
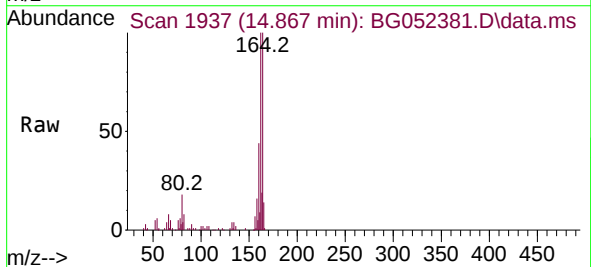
Instrument :
BNA_G
ClientSampleId :
PB142473BL

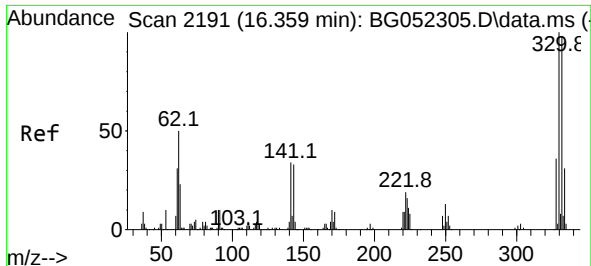
Tgt Ion: 82 Resp: 197853
Ion Ratio Lower Upper
82 100
128 37.7 27.0 40.4
54 46.5 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion: 164 Resp: 73886
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 44.1 36.2 54.2

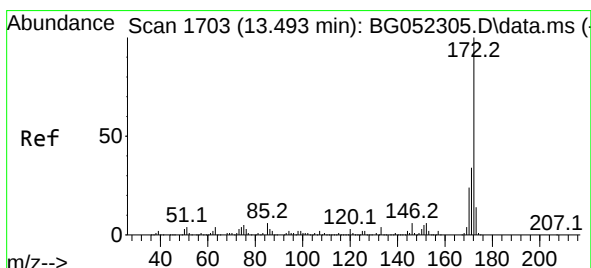
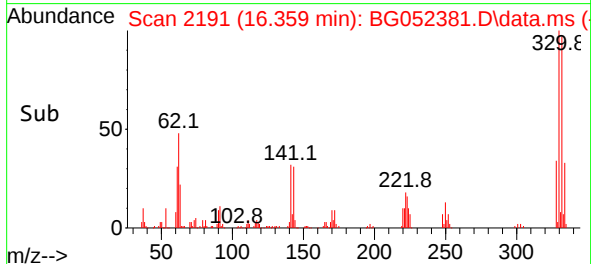
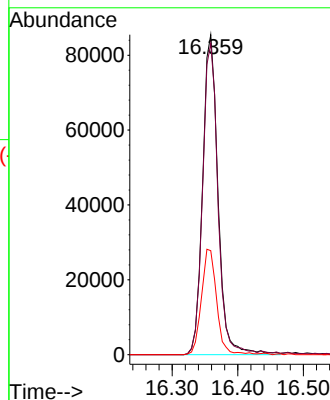
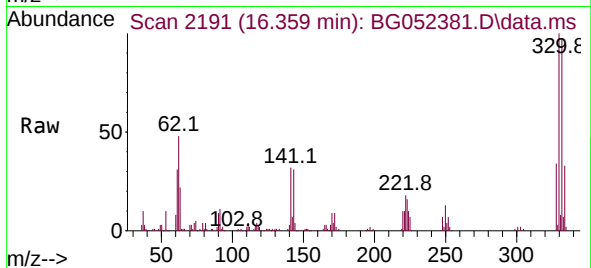




#42
2,4,6-Tribromophenol
Concen: 131.505 ng
RT: 16.359 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

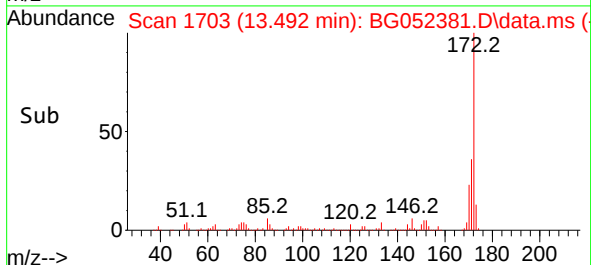
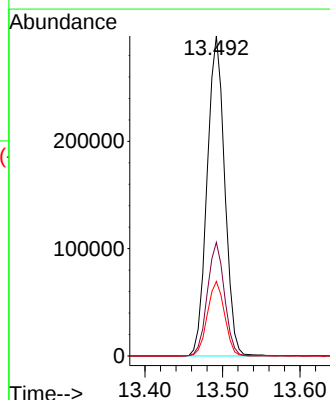
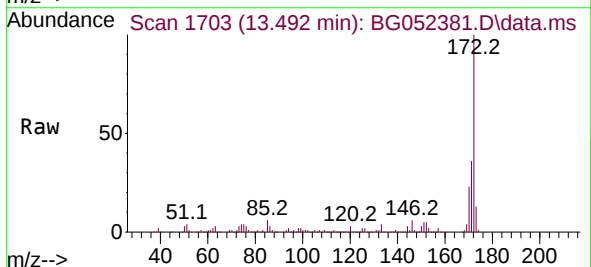
Instrument :
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ClientSampleId :
PB142473BL

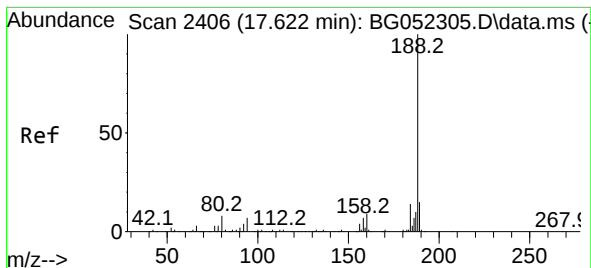
Tgt Ion:330 Resp: 139591
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 32.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 88.338 ng
RT: 13.492 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG052381.D
Acq: 14 Feb 2022 13:27

Tgt Ion:172 Resp: 469721
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.3 27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.622 min Scan# 24

Delta R.T. -0.001 min

Lab File: BG052381.D

Acq: 14 Feb 2022 13:27

Instrument :

BNA_G

ClientSampleId :

PB142473BL

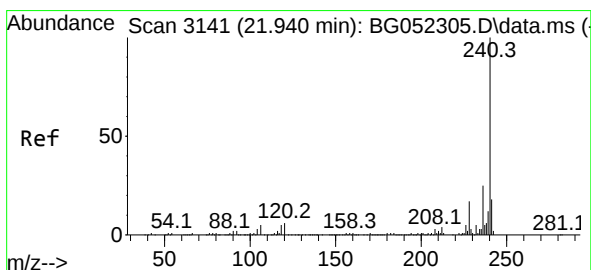
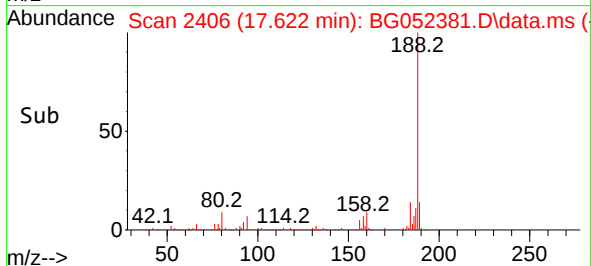
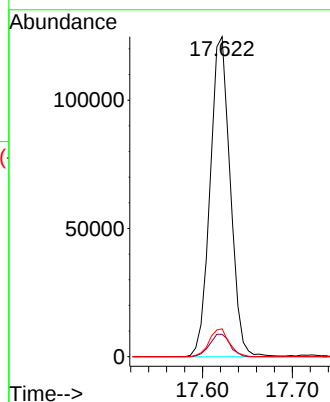
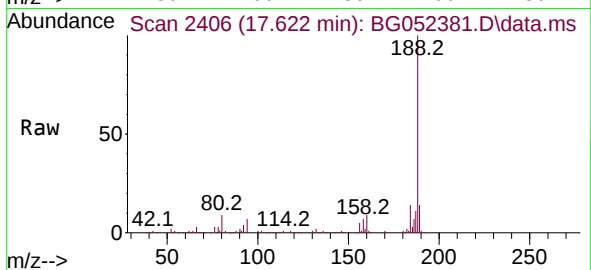
Tgt Ion:188 Resp: 193993

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.7 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.934 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BG052381.D

Acq: 14 Feb 2022 13:27

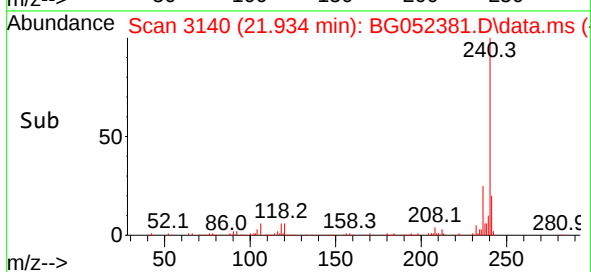
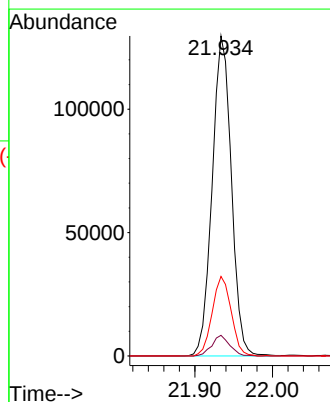
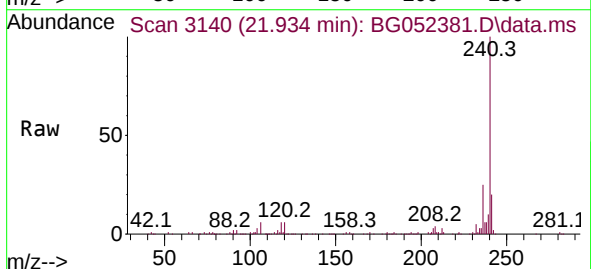
Tgt Ion:240 Resp: 222996

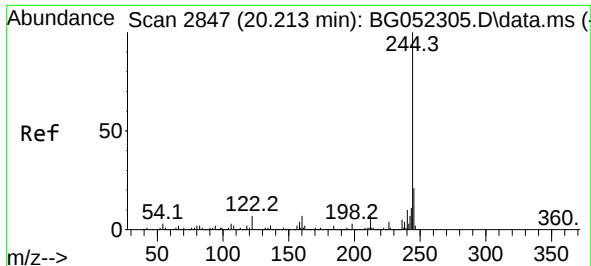
Ion Ratio Lower Upper

240 100

120 6.4 4.4 6.6

236 24.9 20.8 31.2

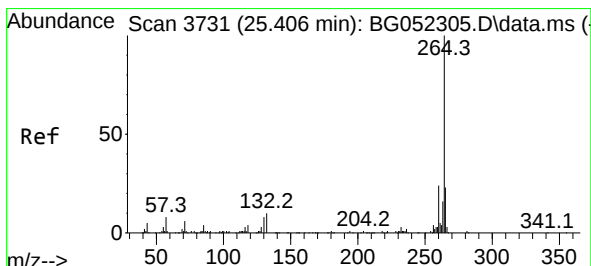
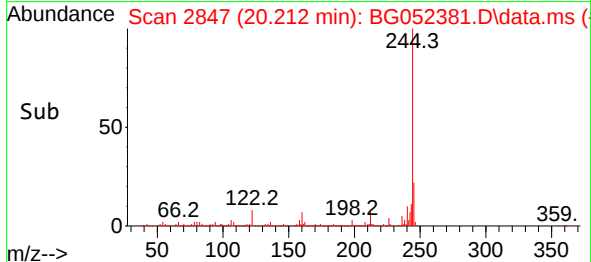
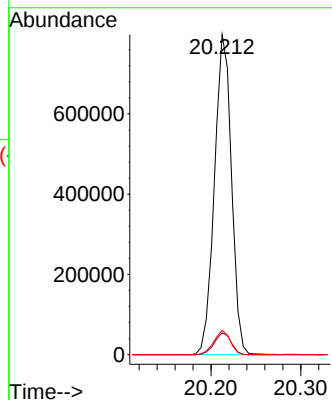
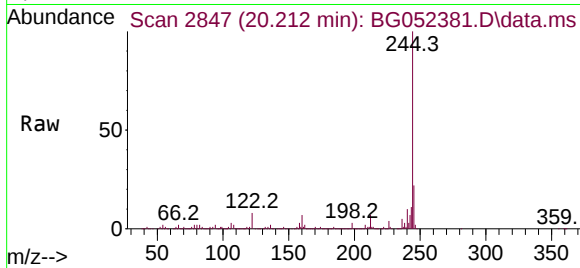




#79
 Terphenyl-d14
 Concen: 83.074 ng
 RT: 20.212 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG052381.D
 Acq: 14 Feb 2022 13:27

Instrument :
 BNA_G
 ClientSampleId :
 PB142473BL

Tgt Ion:244 Resp: 1049070
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 7.6 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.405 min Scan# 3731
 Delta R.T. -0.001 min
 Lab File: BG052381.D
 Acq: 14 Feb 2022 13:27

Tgt Ion:264 Resp: 215002
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 22.0 17.8 26.6

