

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020922\
 Data File : BG052331.D
 Acq On : 9 Feb 2022 11:53
 Operator : CG/JU
 Sample : PB142538TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142538TB

Quant Time: Feb 09 12:40:41 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	8.229	152	25415	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	107481	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	81237	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	211758	20.000	ng	0.00
76) Chrysene-d12	21.940	240	218775	20.000	ng	0.00
86) Perylene-d12	25.417	264	203298	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	204053	139.932	ng	0.00
7) Phenol-d6	7.377	99	294350	130.824	ng	0.00
23) Nitrobenzene-d5	9.404	82	201244	81.375	ng	0.00
42) 2,4,6-Tribromophenol	16.365	330	159302	136.494	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	500480	85.605	ng	0.00
79) Terphenyl-d14	20.218	244	1099232	88.726	ng	0.00

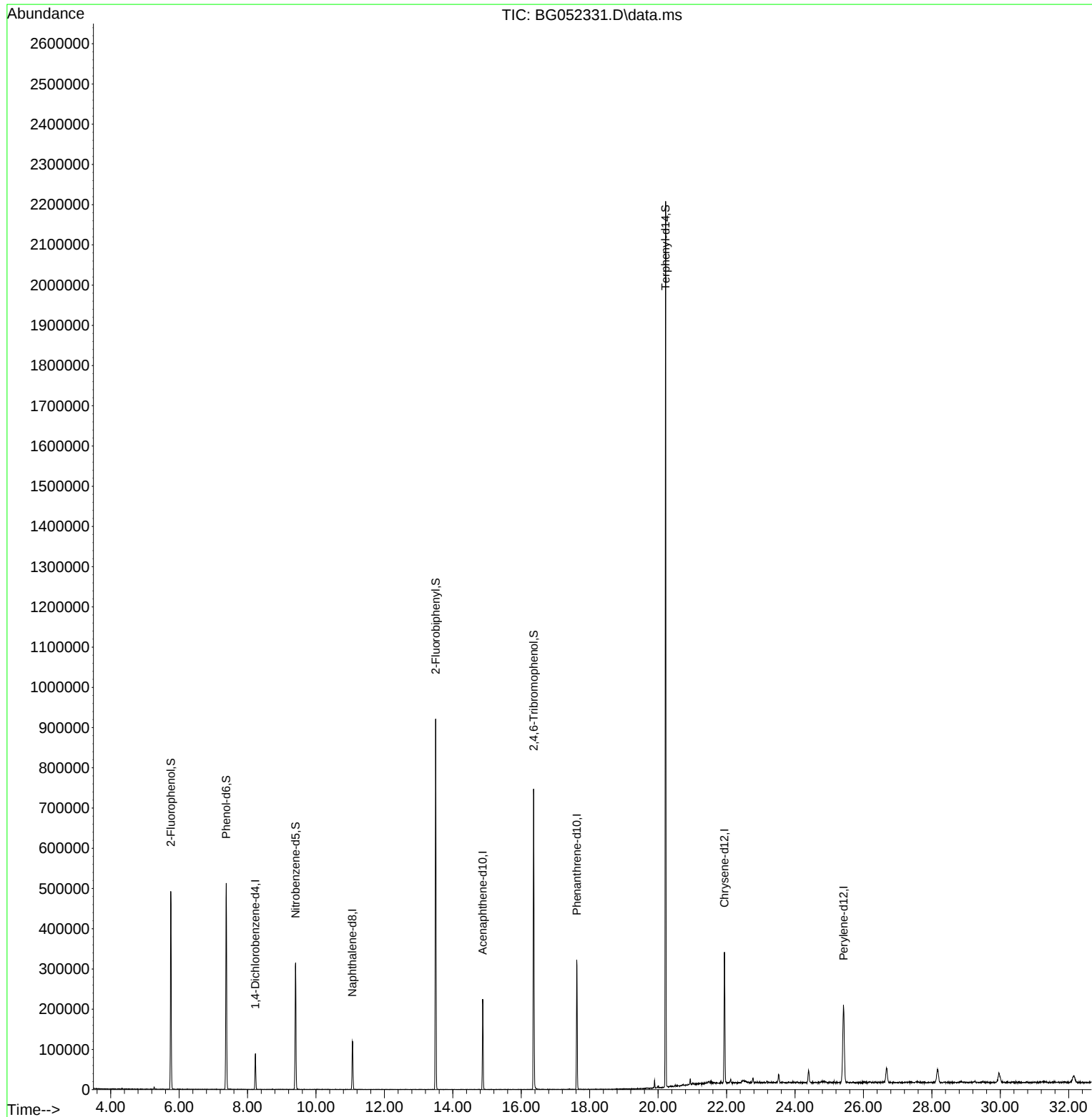
Target Compounds	Qvalue

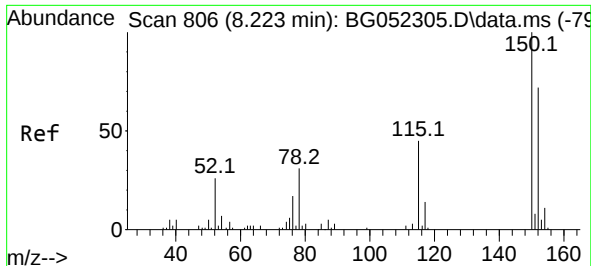
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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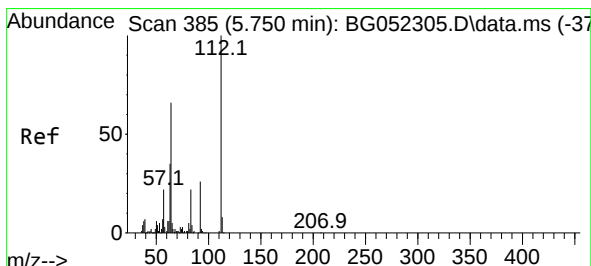
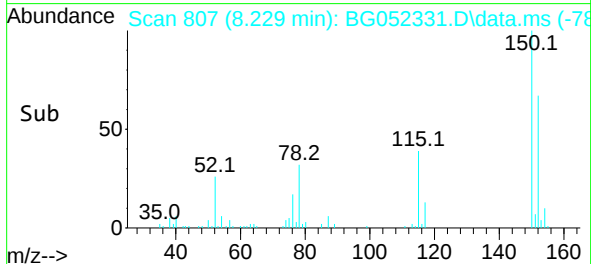
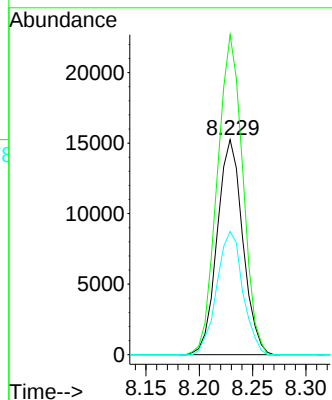
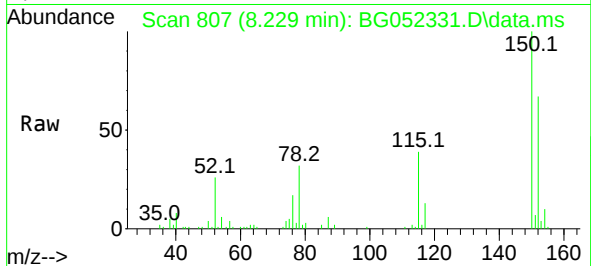




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.229 min Scan# 806
Delta R.T. 0.006 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

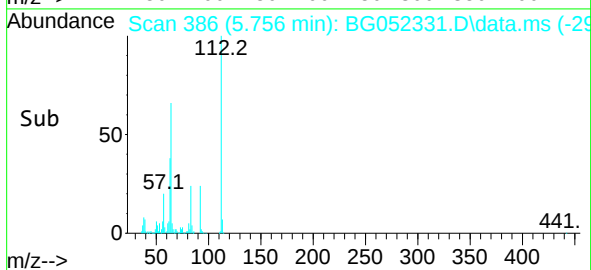
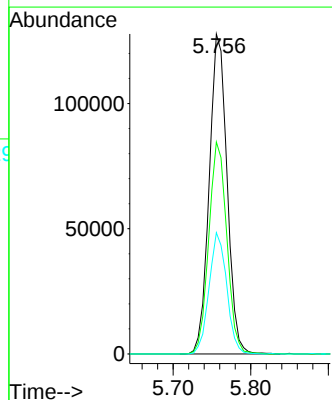
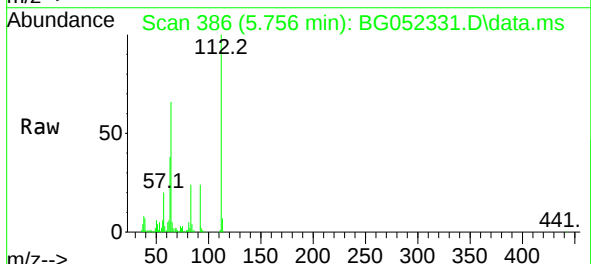
Instrument :
BNA_G
ClientSampleId :
PB142538TB

Tgt Ion:152 Resp: 25415
Ion Ratio Lower Upper
152 100
150 148.8 117.8 176.8
115 57.3 50.2 75.2



#5
2-Fluorophenol
Concen: 139.932 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:112 Resp: 204053
Ion Ratio Lower Upper
112 100
64 66.2 60.4 90.6
63 37.9 33.3 49.9

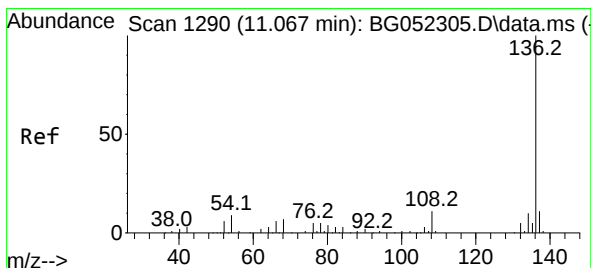
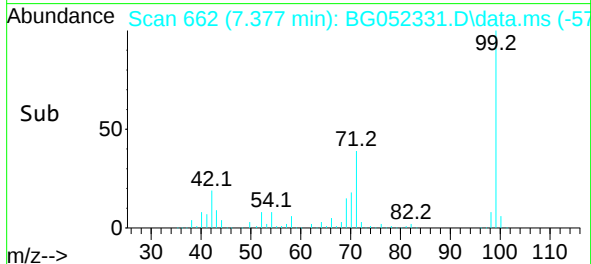
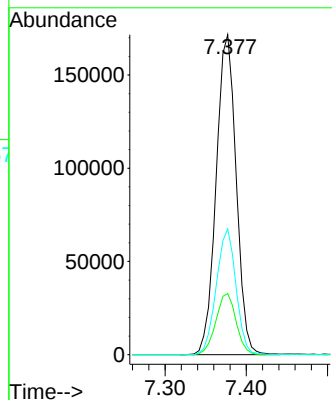
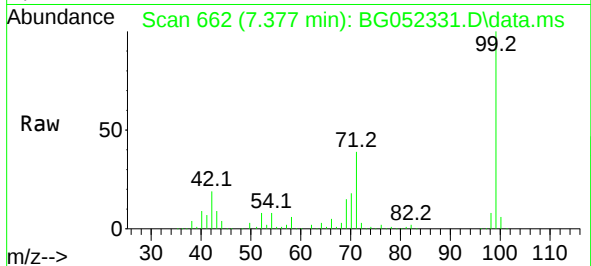




#7
Phenol-d6
Concen: 130.824 ng
RT: 7.377 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

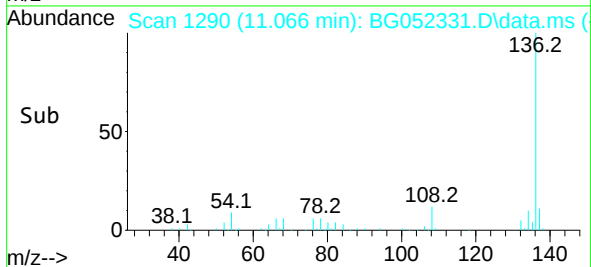
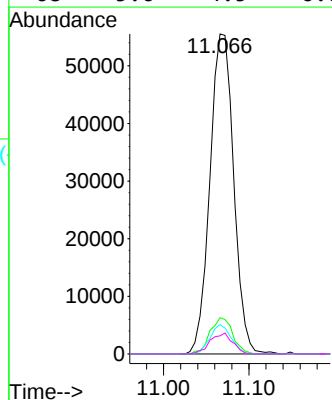
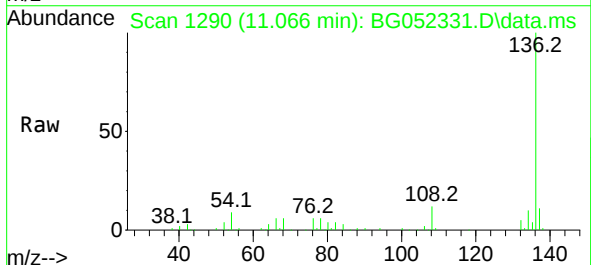
Instrument :
BNA_G
ClientSampleId :
PB142538TB

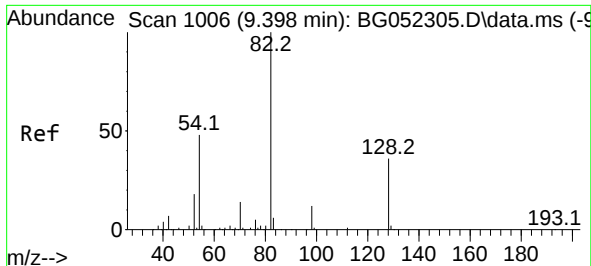
Tgt Ion: 99 Resp: 294350
Ion Ratio Lower Upper
99 100
42 19.1 19.1 28.7#
71 39.3 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion: 136 Resp: 107481
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.1 8.3 12.5
68 5.6 4.5 6.7

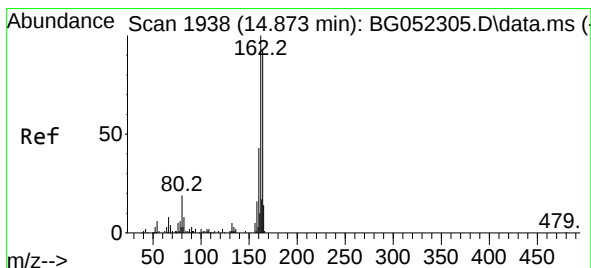
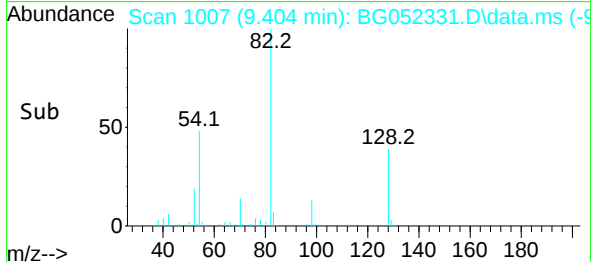
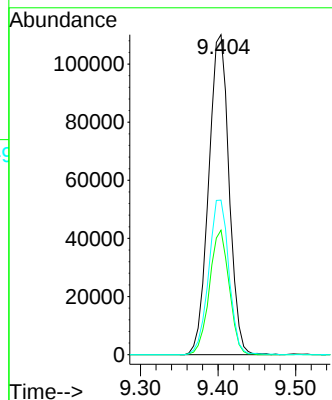
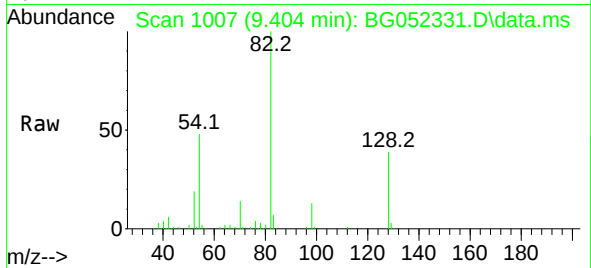




#23
Nitrobenzene-d5
Concen: 81.375 ng
RT: 9.404 min Scan# 1007
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

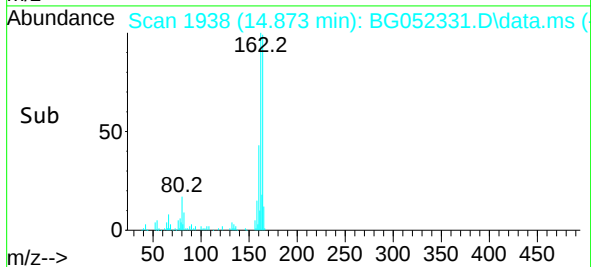
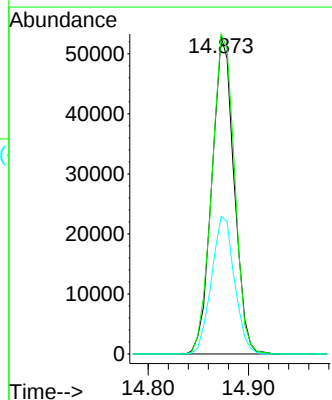
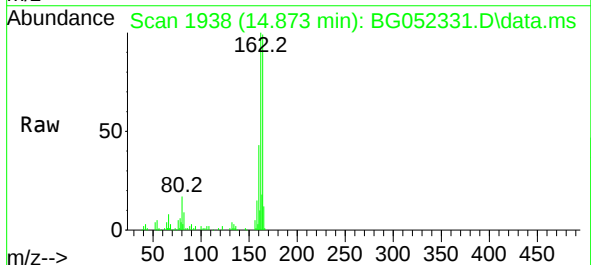
Instrument :
BNA_G
ClientSampleId :
PB142538TB

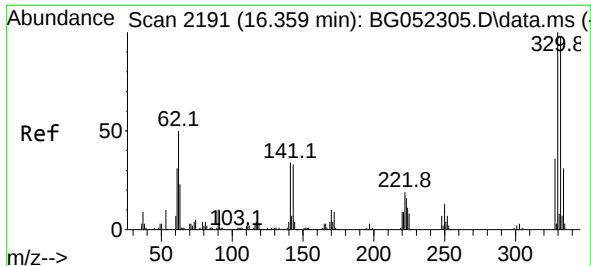
Tgt Ion: 82 Resp: 201244
Ion Ratio Lower Upper
82 100
128 38.9 27.0 40.4
54 48.3 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:164 Resp: 81237
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 43.4 36.2 54.2

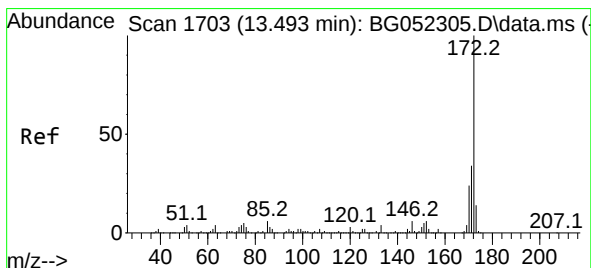
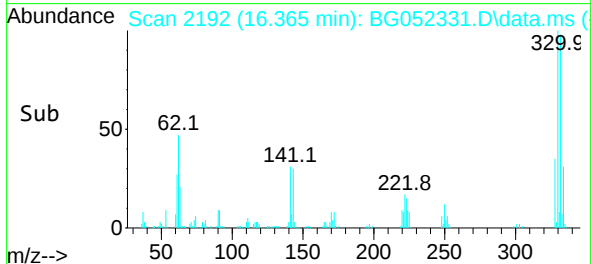
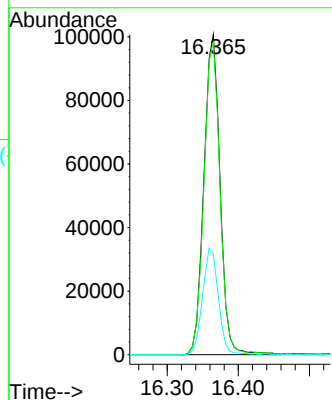
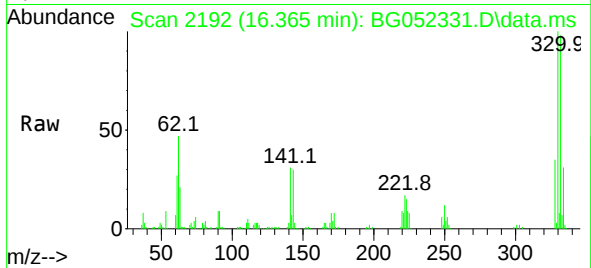




#42
2,4,6-Tribromophenol
Concen: 136.494 ng
RT: 16.365 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

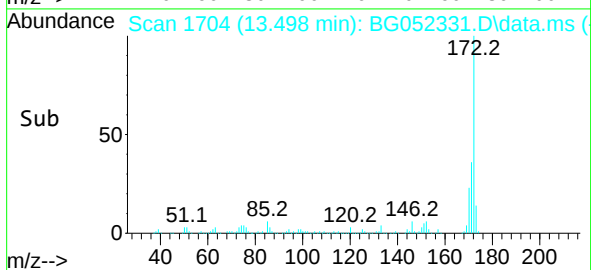
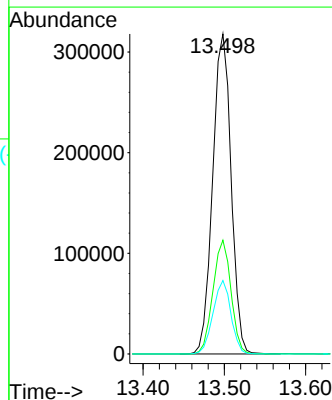
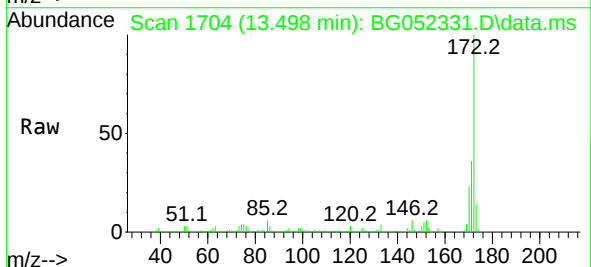
Instrument :
BNA_G
ClientSampleId :
PB142538TB

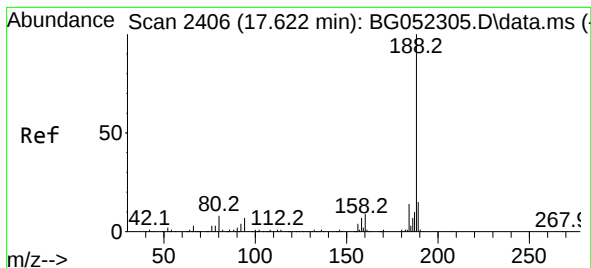
Tgt Ion:330 Resp: 159302
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 32.6 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 85.605 ng
RT: 13.498 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG052331.D
Acq: 9 Feb 2022 11:53

Tgt Ion:172 Resp: 500480
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 22.9 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: BG052331.D

Acq: 9 Feb 2022 11:53

Instrument :

BNA_G

ClientSampleId :

PB142538TB

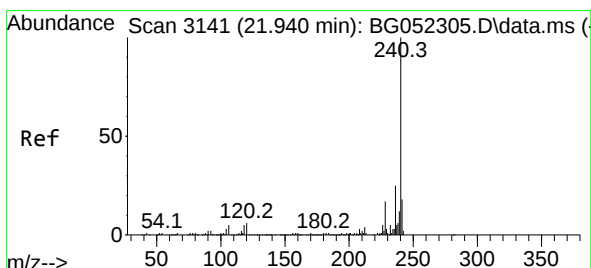
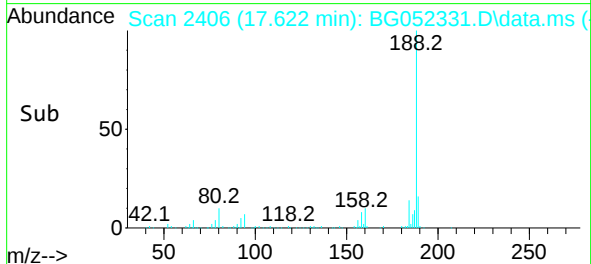
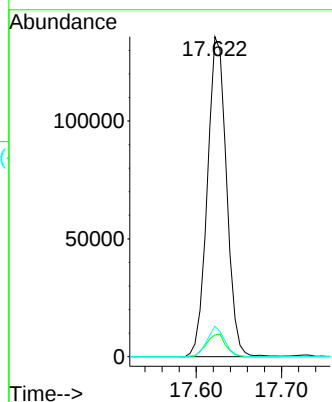
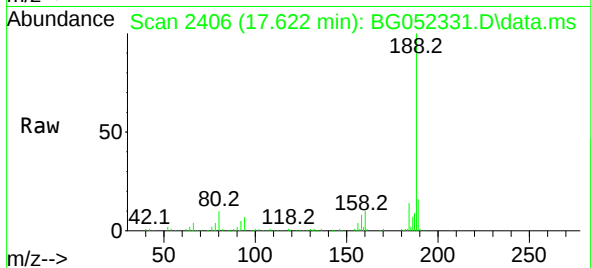
Tgt Ion:188 Resp: 211758

Ion Ratio Lower Upper

188 100

94 6.8 5.9 8.9

80 9.5 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: BG052331.D

Acq: 9 Feb 2022 11:53

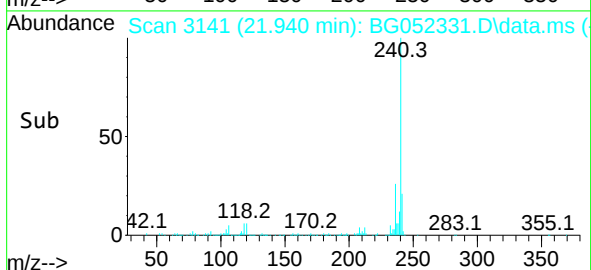
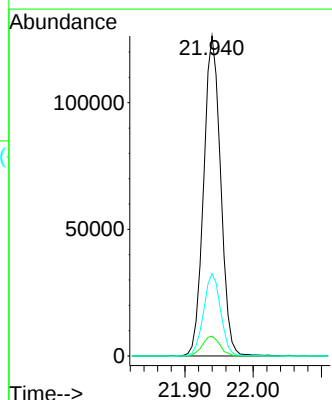
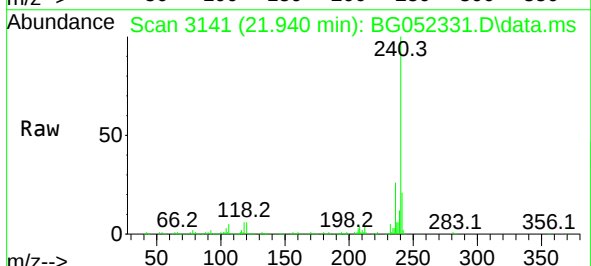
Tgt Ion:240 Resp: 218775

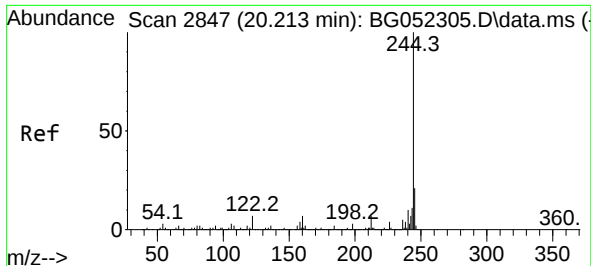
Ion Ratio Lower Upper

240 100

120 6.2 4.4 6.6

236 25.7 20.8 31.2

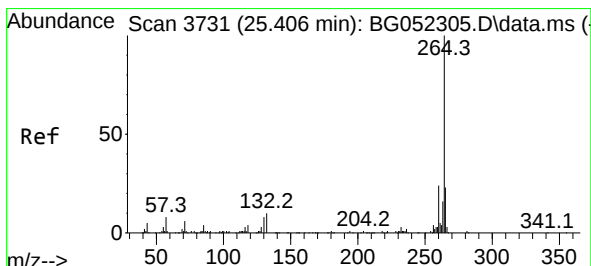
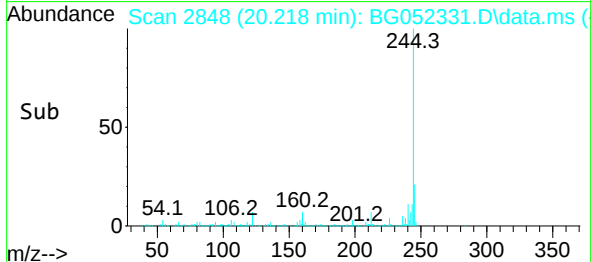
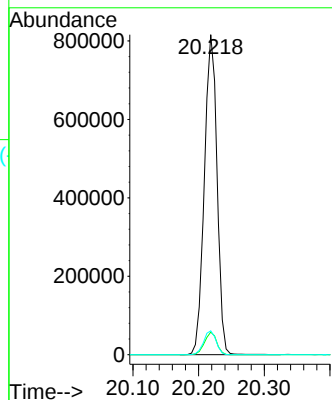
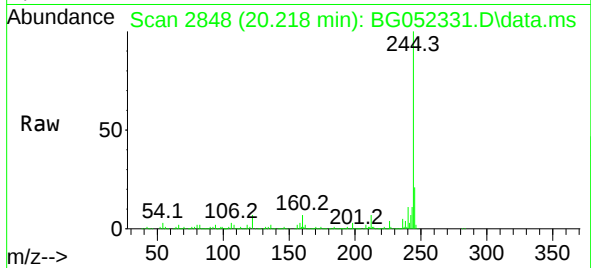




#79
 Terphenyl-d14
 Concen: 88.726 ng
 RT: 20.218 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG052331.D
 Acq: 9 Feb 2022 11:53

Instrument :
 BNA_G
 ClientSampleId :
 PB142538TB

Tgt Ion:244 Resp: 1099232
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.5 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.417 min Scan# 3733
 Delta R.T. 0.011 min
 Lab File: BG052331.D
 Acq: 9 Feb 2022 11:53

Tgt Ion:264 Resp: 203298
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 20.0 17.8 26.6

