

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021622\
 Data File : BG052409.D
 Acq On : 16 Feb 2022 10:47
 Operator : CG/JU
 Sample : PB142428BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB142428BL

Quant Time: Feb 16 12:44:39 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	8.225	152	27535	20.000	ng	0.00
21) Naphthalene-d8	11.069	136	117291	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	86800	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	229108	20.000	ng	0.00
76) Chrysene-d12	21.930	240	247565	20.000	ng	0.00
86) Perylene-d12	25.396	264	242136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	233345	147.699	ng	0.00
7) Phenol-d6	7.379	99	314552	129.039	ng	0.00
23) Nitrobenzene-d5	9.400	82	219751	81.427	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	162913	130.642	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	535938	85.795	ng	0.00
79) Terphenyl-d14	20.215	244	1161913	82.878	ng	0.00

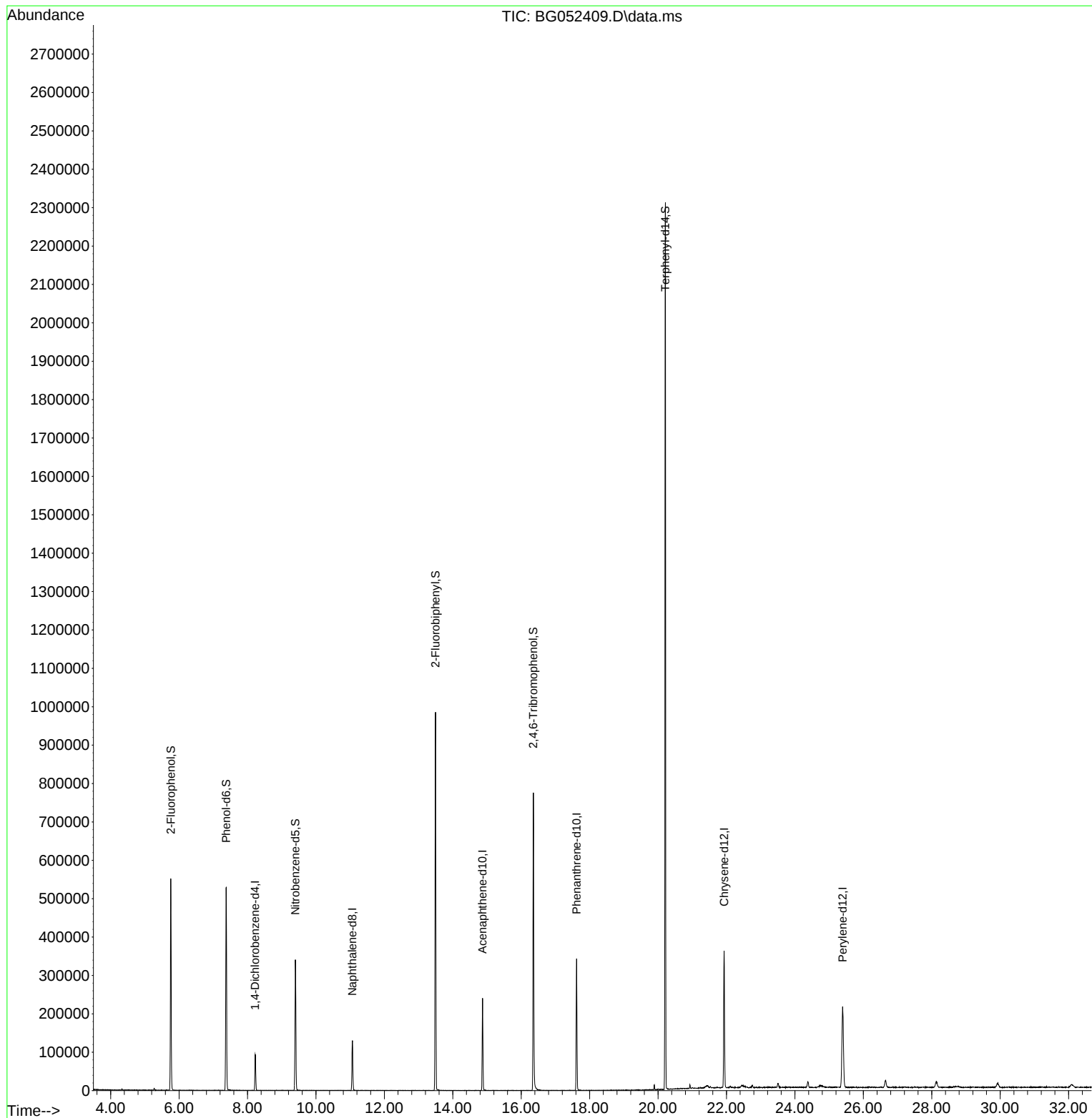
Target Compounds	Qvalue

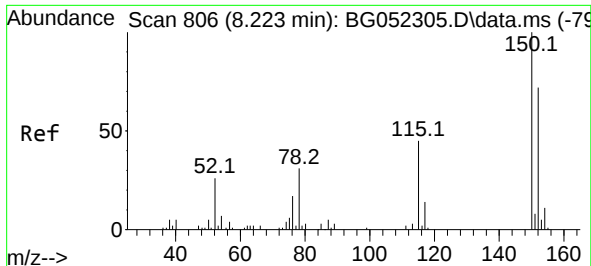
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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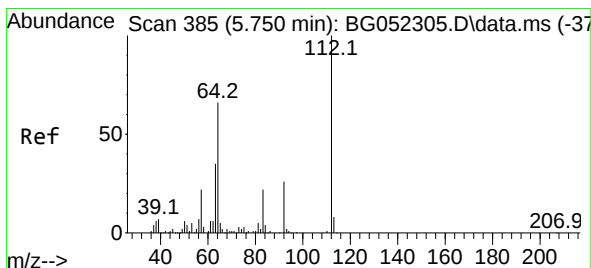
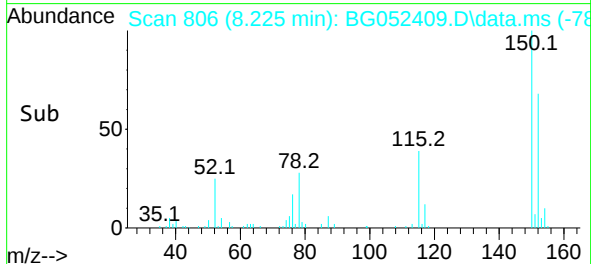
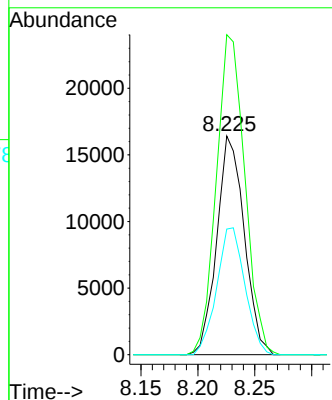
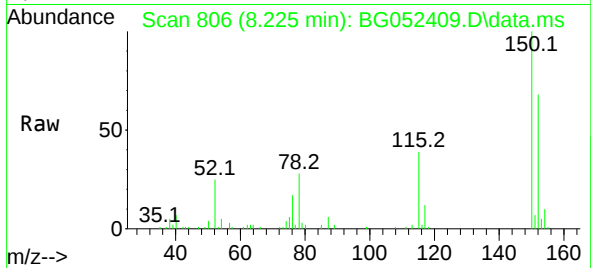




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 806
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

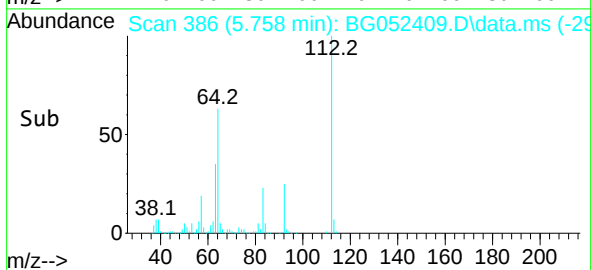
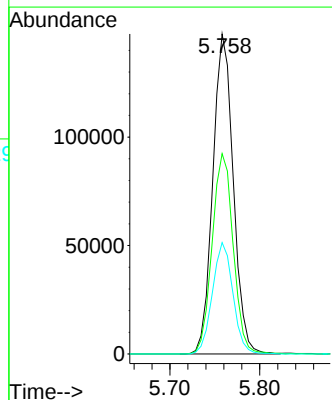
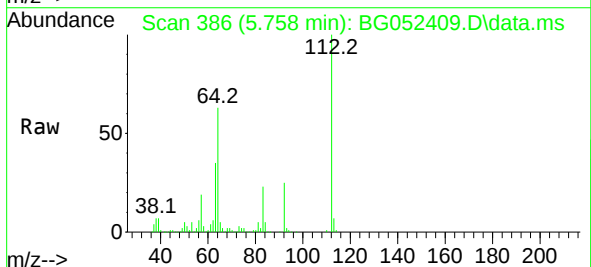
Instrument :
BNA_G
ClientSampleId :
PB142428BL

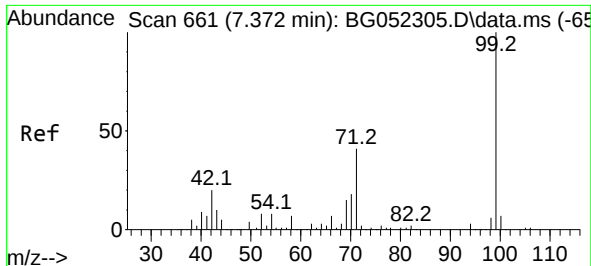
Tgt Ion:152 Resp: 27535
Ion Ratio Lower Upper
152 100
150 146.3 117.8 176.8
115 57.5 50.2 75.2



#5
2-Fluorophenol
Concen: 147.699 ng
RT: 5.758 min Scan# 386
Delta R.T. 0.008 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion:112 Resp: 233345
Ion Ratio Lower Upper
112 100
64 62.6 60.4 90.6
63 34.8 33.3 49.9

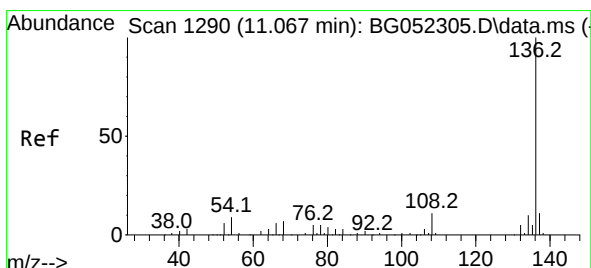
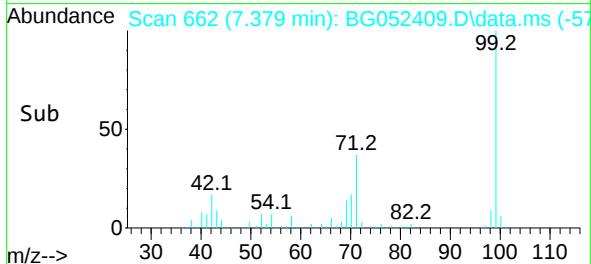
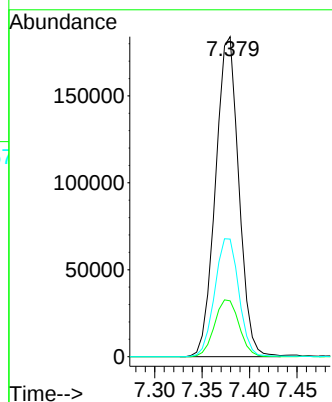
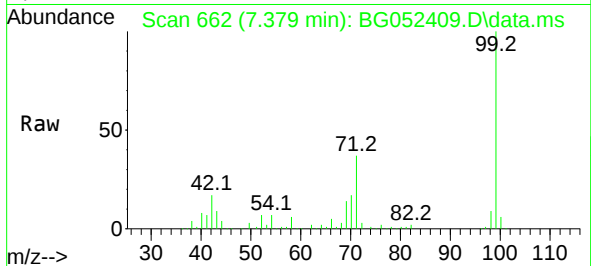




#7
Phenol-d6
Concen: 129.039 ng
RT: 7.379 min Scan# 61
Delta R.T. 0.008 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

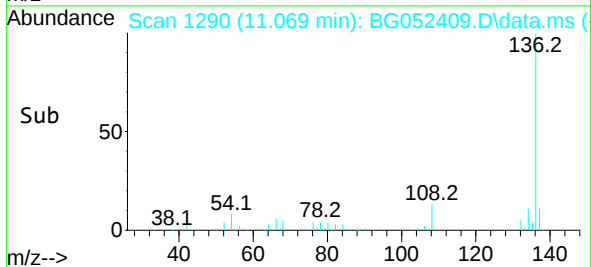
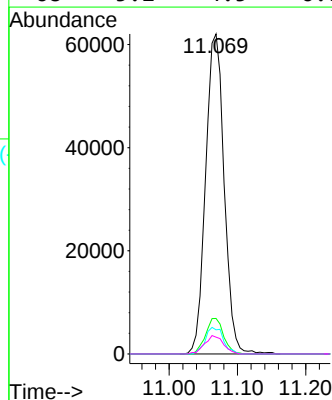
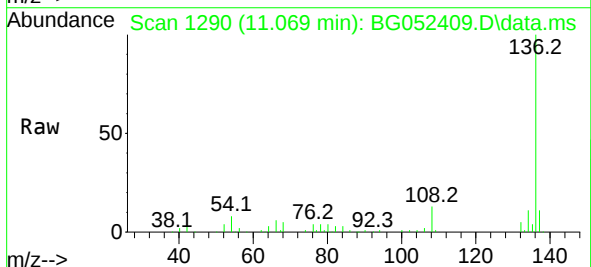
Instrument :
BNA_G
ClientSampleId :
PB142428BL

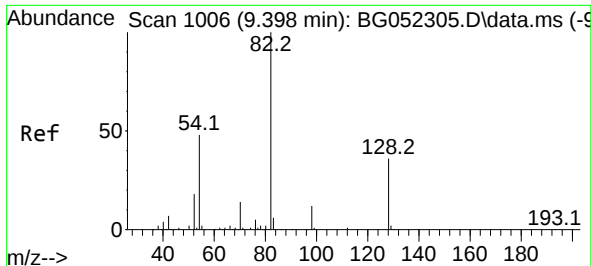
Tgt Ion: 99 Resp: 314552
Ion Ratio Lower Upper
99 100
42 17.5 19.1 28.7#
71 36.8 33.4 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.069 min Scan# 1290
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

Tgt Ion: 136 Resp: 117291
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.5 8.3 12.5#
68 5.2 4.5 6.7

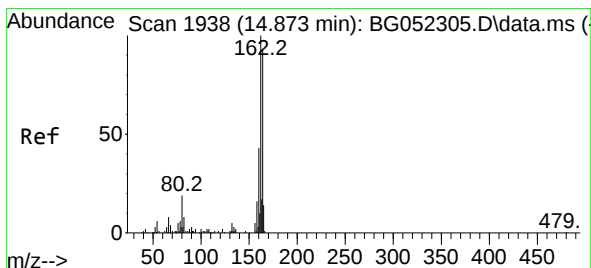
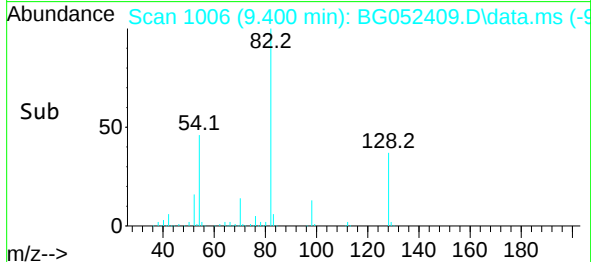
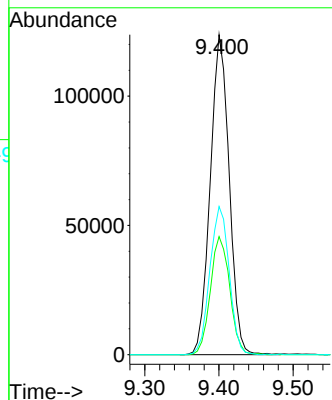
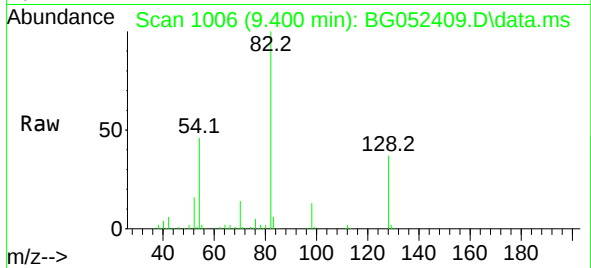




#23
Nitrobenzene-d5
Concen: 81.427 ng
RT: 9.400 min Scan# 1006
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

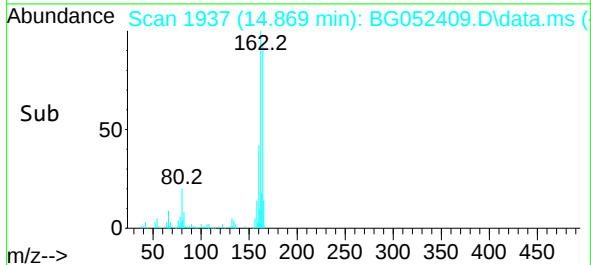
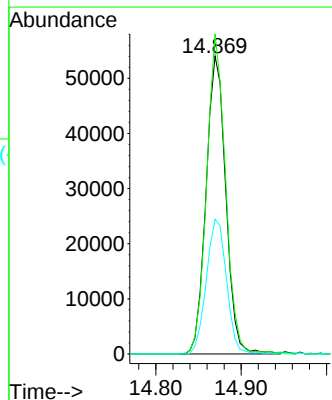
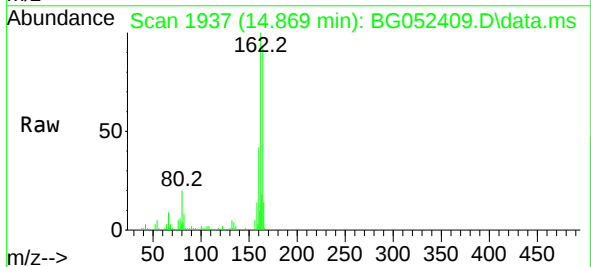
Instrument :
BNA_G
ClientSampleId :
PB142428BL

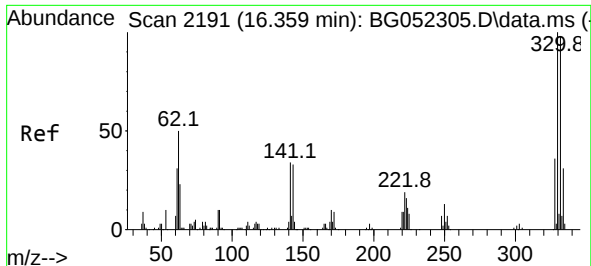
Tgt Ion: 82 Resp: 219751
Ion Ratio Lower Upper
82 100
128 36.9 27.0 40.4
54 46.3 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

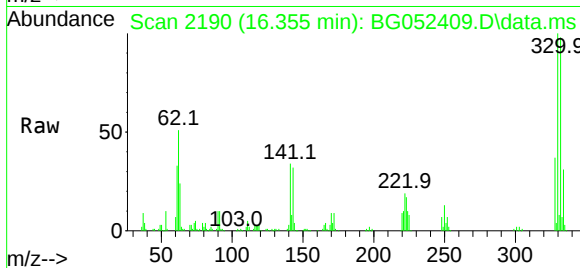
Tgt Ion:164 Resp: 86800
Ion Ratio Lower Upper
164 100
162 107.4 82.2 123.2
160 45.2 36.2 54.2



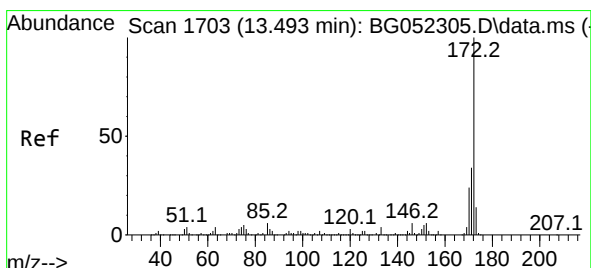
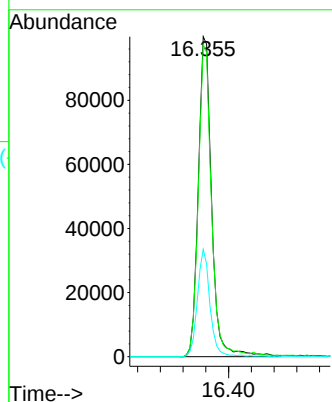
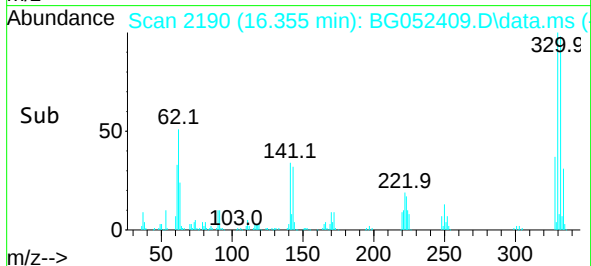


#42
2,4,6-Tribromophenol
Concen: 130.642 ng
RT: 16.355 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47

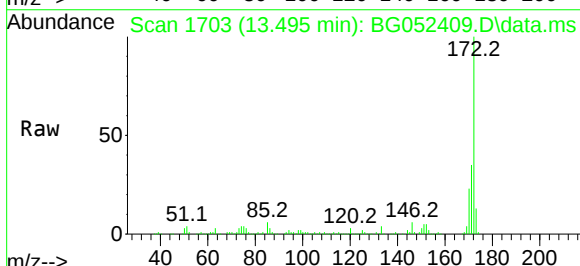
Instrument :
BNA_G
ClientSampleId :
PB142428BL



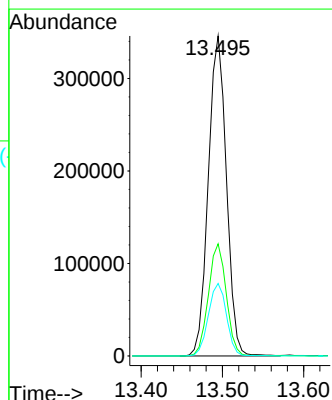
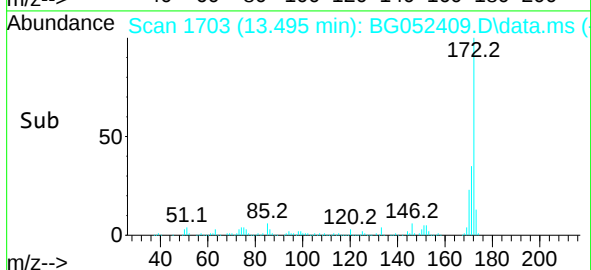
Tgt Ion:330 Resp: 162913
Ion Ratio Lower Upper
330 100
332 96.0 78.6 117.8
141 31.6 28.8 43.2

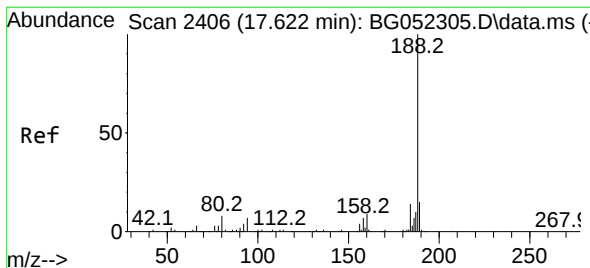


#45
2-Fluorobiphenyl
Concen: 85.795 ng
RT: 13.495 min Scan# 1703
Delta R.T. 0.002 min
Lab File: BG052409.D
Acq: 16 Feb 2022 10:47



Tgt Ion:172 Resp: 535938
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.7 18.3 27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.619 min Scan# 2405

Delta R.T. -0.004 min

Lab File: BG052409.D

Acq: 16 Feb 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB142428BL

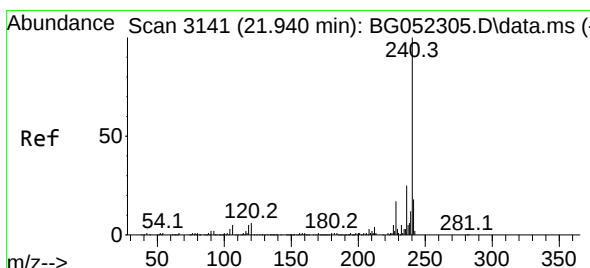
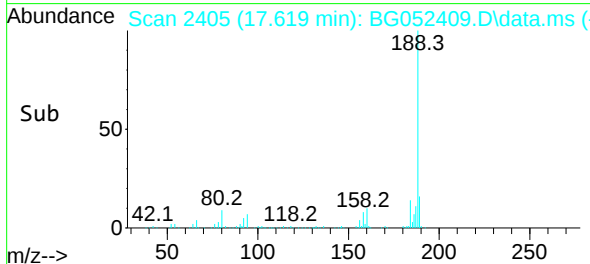
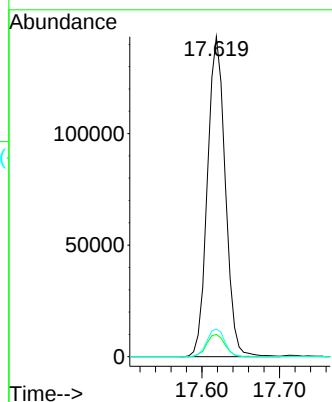
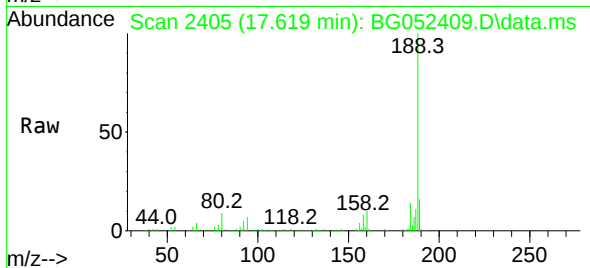
Tgt Ion:188 Resp: 229108

Ion Ratio Lower Upper

188 100

94 7.0 5.9 8.9

80 8.6 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.930 min Scan# 3139

Delta R.T. -0.010 min

Lab File: BG052409.D

Acq: 16 Feb 2022 10:47

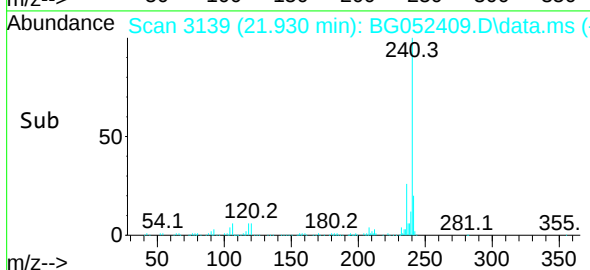
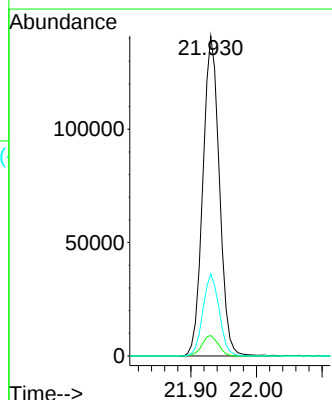
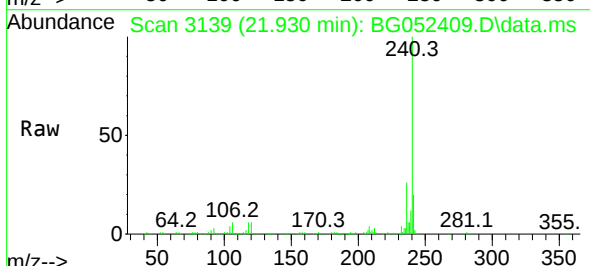
Tgt Ion:240 Resp: 247565

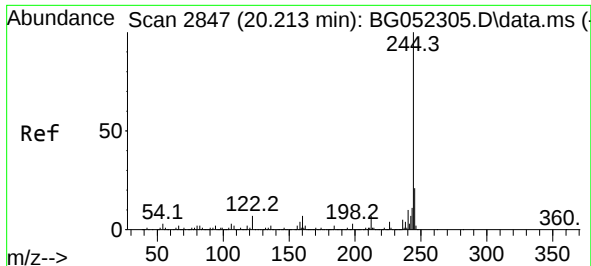
Ion Ratio Lower Upper

240 100

120 6.4 4.4 6.6

236 25.7 20.8 31.2

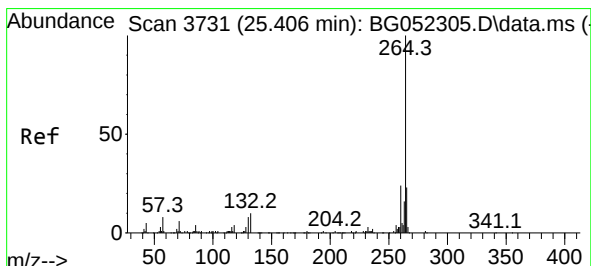
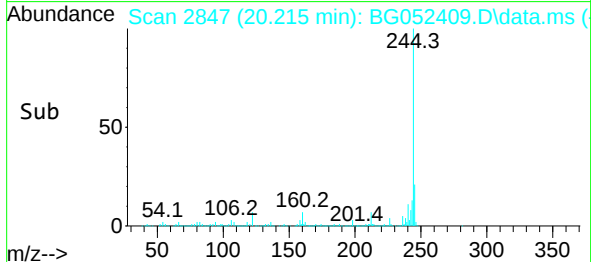
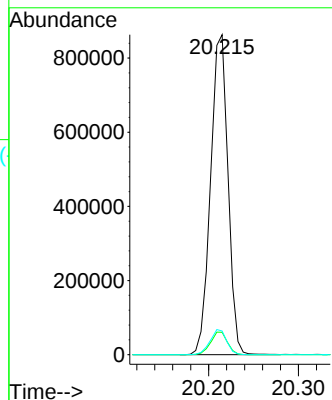
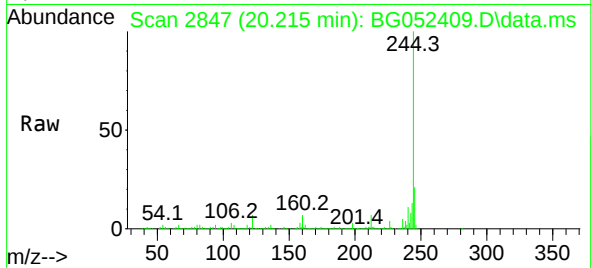




#79
 Terphenyl-d14
 Concen: 82.878 ng
 RT: 20.215 min Scan# 21
 Delta R.T. 0.002 min
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Instrument :
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Tgt Ion:244 Resp: 1161913
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.4 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.396 min Scan# 3729
 Delta R.T. -0.010 min
 Lab File: BG052409.D
 Acq: 16 Feb 2022 10:47

Tgt Ion:264 Resp: 242136
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.5 27.7
 265 22.8 17.8 26.6

