

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054906.D
 Acq On : 9 Sep 2022 21:14
 Operator : CG/JU
 Sample : N4538-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MBD-MP-1-0-46

Quant Time: Sep 10 02:03:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 01:53:42 2022
 Response via : Initial Calibration

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

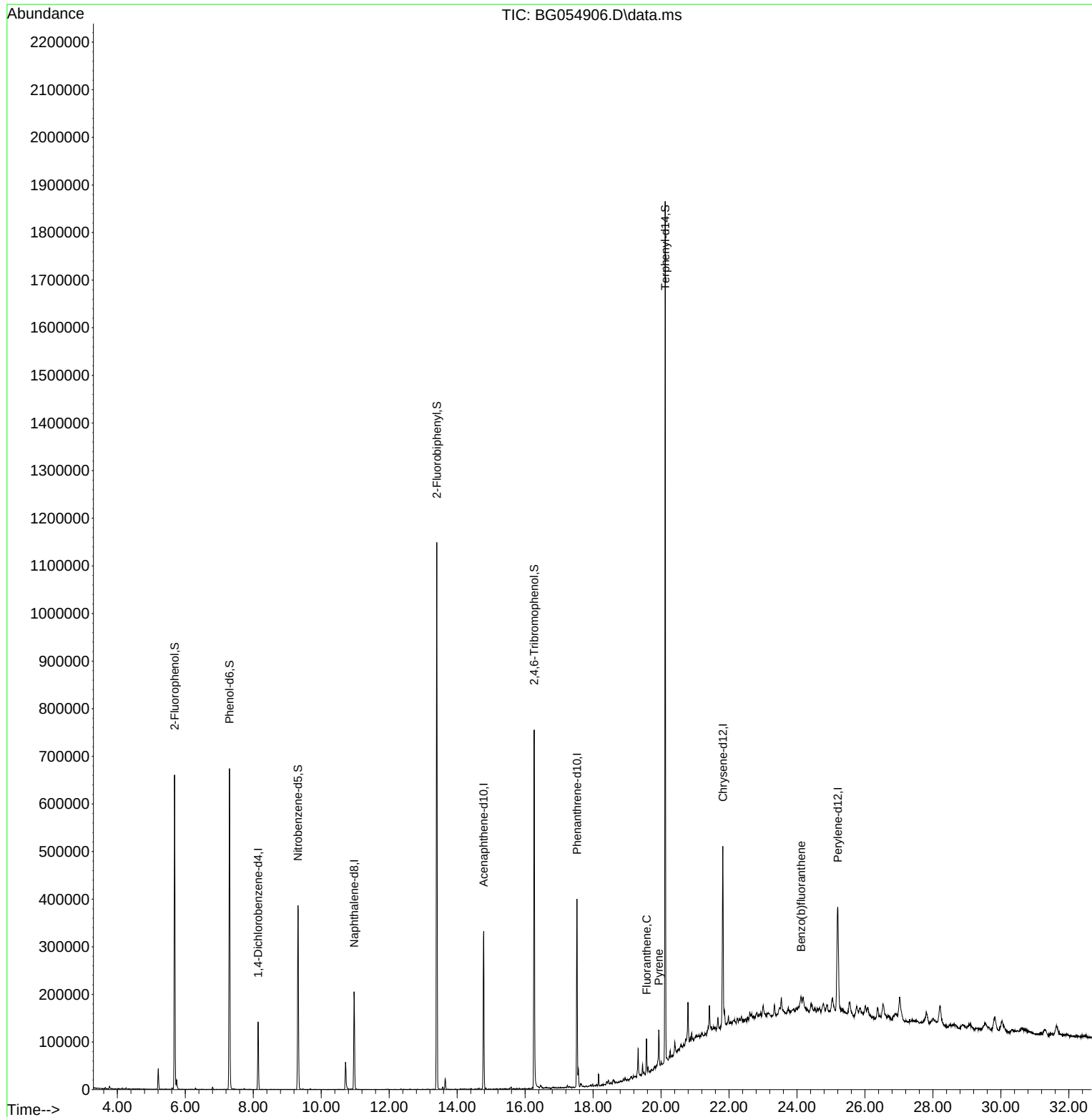
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	44841	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	185624	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	124575	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	261232	20.000	ng	0.00
76) Chrysene-d12	21.819	240	241402	20.000	ng	0.00
86) Perylene-d12	25.198	264	255246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	321867	124.994	ng	0.00
7) Phenol-d6	7.301	99	435161	123.569	ng	0.00
23) Nitrobenzene-d5	9.316	82	256188	72.453	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	180146	115.727	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	641268	77.370	ng	0.00
79) Terphenyl-d14	20.121	244	918479	75.387	ng	0.00
Target Compounds						
75) Fluoranthene	19.575	202	49440	2.920	ng	Qvalue 97
78) Pyrene	19.933	202	46522	2.764	ng	98
88) Benzo(b)fluoranthene	24.117	252	34598	2.161	ng	# 64

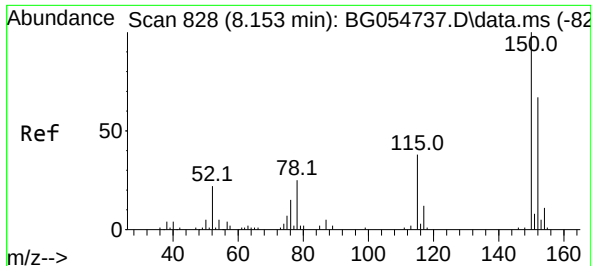
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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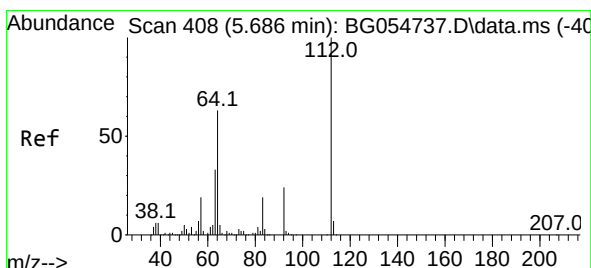
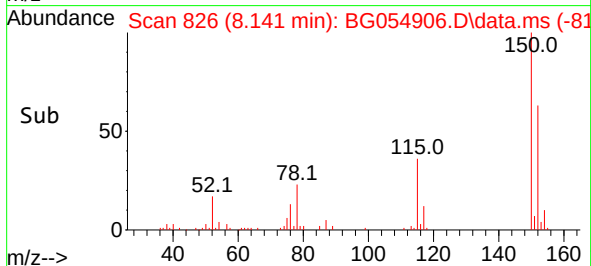
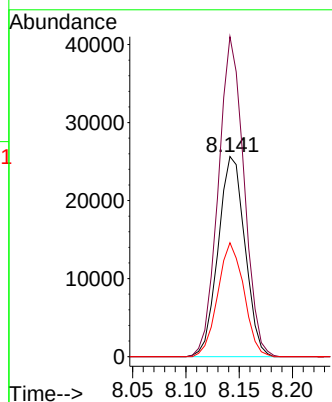
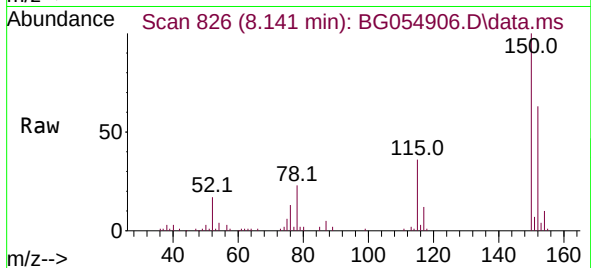




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

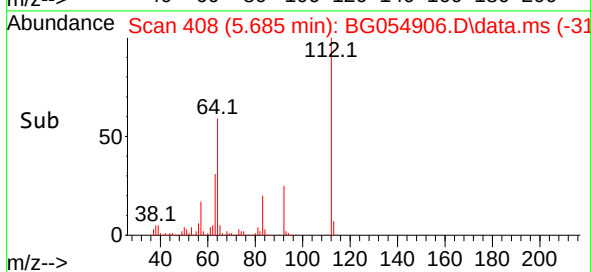
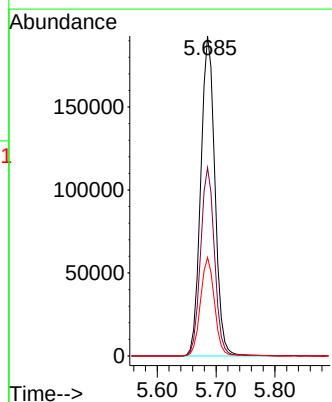
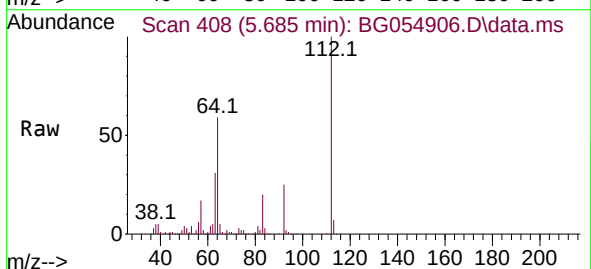
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

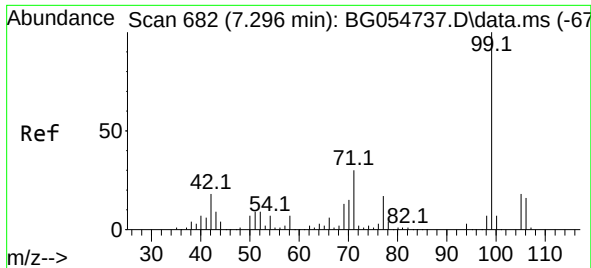
Tgt Ion:152 Resp: 44841
Ion Ratio Lower Upper
152 100
150 159.9 125.2 187.8
115 56.9 47.9 71.9



#5
2-Fluorophenol
Concen: 124.994 ng
RT: 5.685 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

Tgt Ion:112 Resp: 321867
Ion Ratio Lower Upper
112 100
64 58.8 49.3 73.9
63 30.8 26.3 39.5

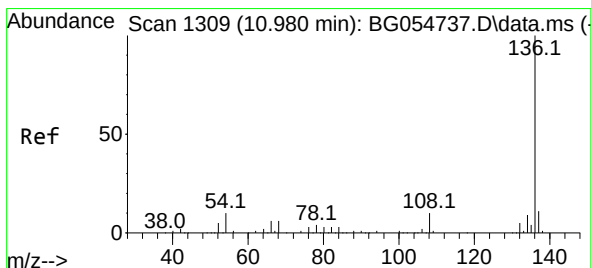
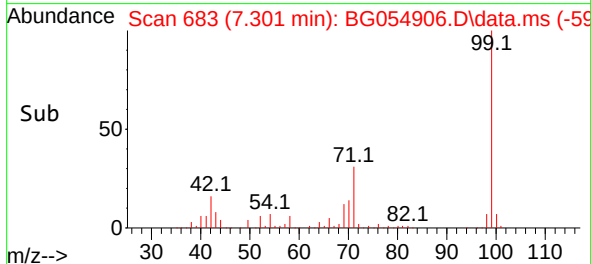
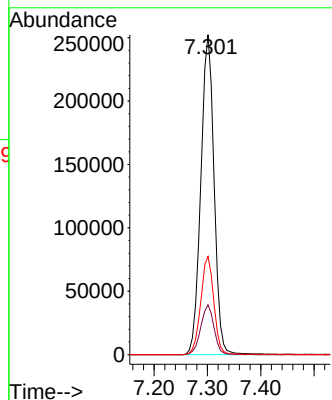
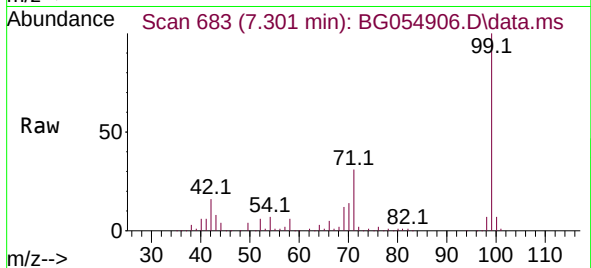




#7
Phenol-d6
Concen: 123.569 ng
RT: 7.301 min Scan# 682
Delta R.T. 0.001 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

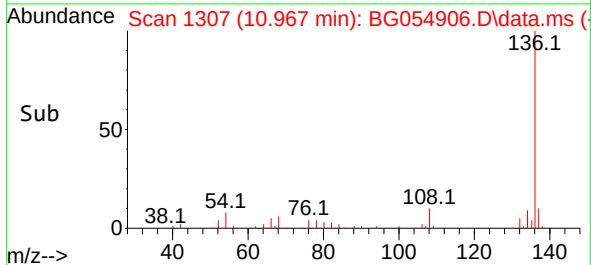
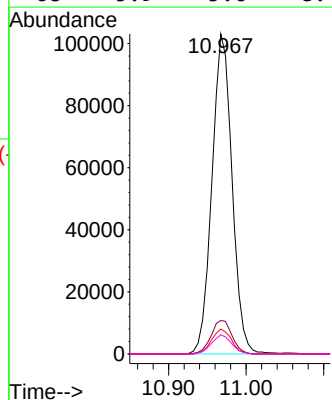
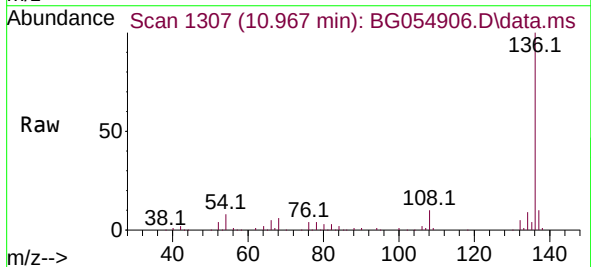
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

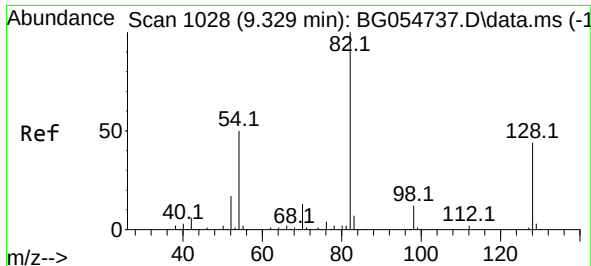
Tgt Ion: 99 Resp: 435161
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

Tgt Ion: 136 Resp: 185624
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.8 7.7 11.5
68 5.9 5.6 8.4

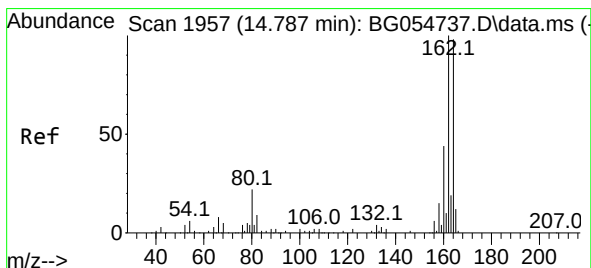
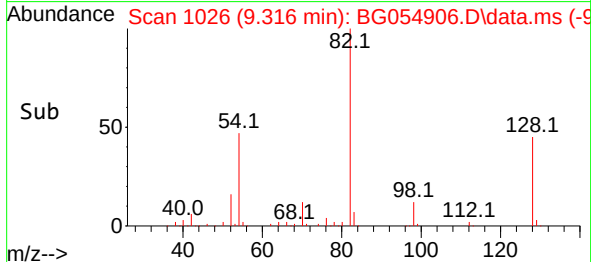
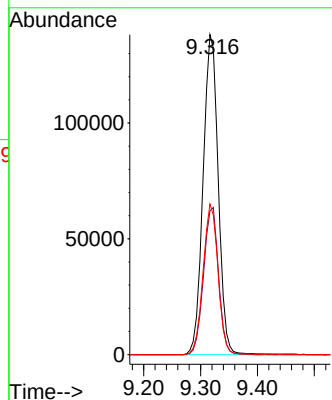
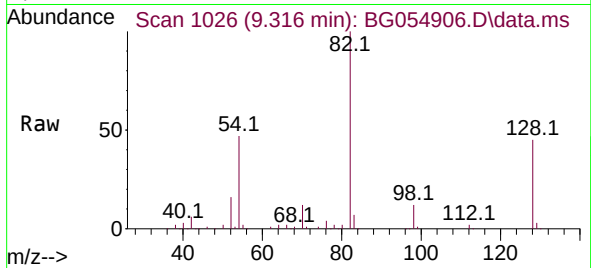




#23
 Nitrobenzene-d5
 Concen: 72.453 ng
 RT: 9.316 min Scan# 1026
 Delta R.T. -0.005 min
 Lab File: BG054906.D
 Acq: 9 Sep 2022 21:14

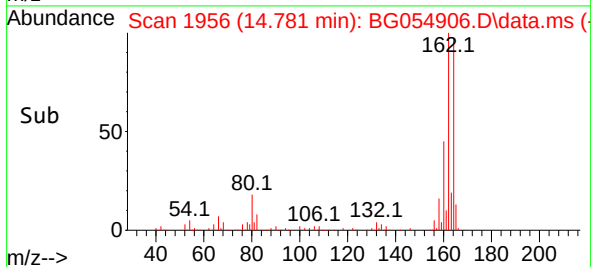
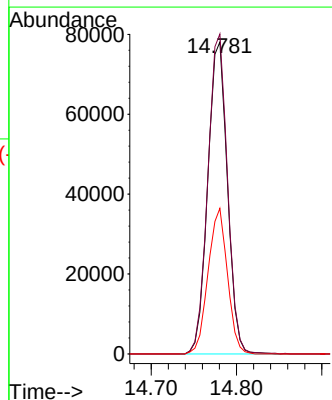
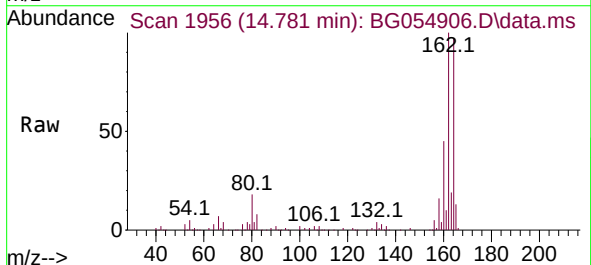
Instrument :
 BNA_G
 ClientSampleId :
 MBD-MP-1-0-46

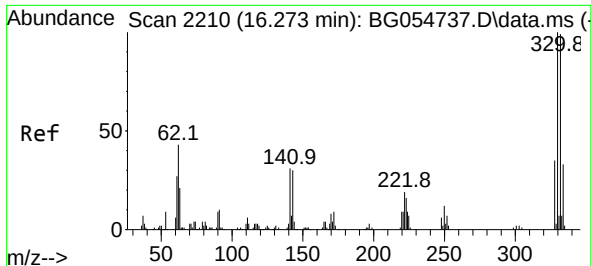
Tgt Ion: 82 Resp: 256188
 Ion Ratio Lower Upper
 82 100
 128 44.9 32.2 48.2
 54 47.0 41.4 62.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.781 min Scan# 1956
 Delta R.T. 0.001 min
 Lab File: BG054906.D
 Acq: 9 Sep 2022 21:14

Tgt Ion: 164 Resp: 124575
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.0 124.4
 160 46.6 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 115.727 ng

RT: 16.267 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG054906.D

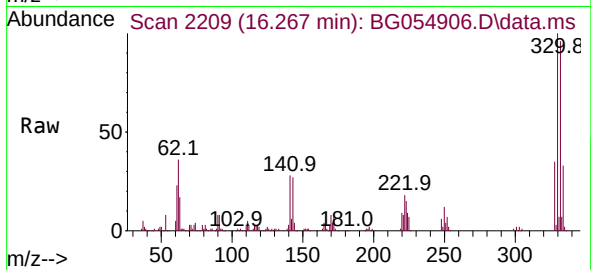
Acq: 9 Sep 2022 21:14

Instrument :

BNA_G

ClientSampleId :

MBD-MP-1-0-46



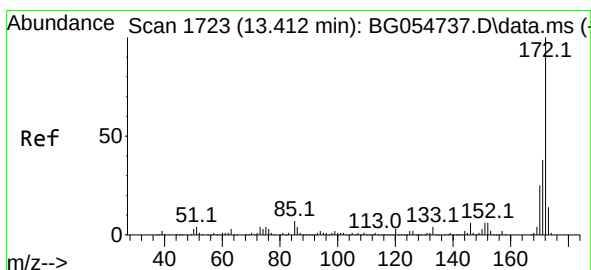
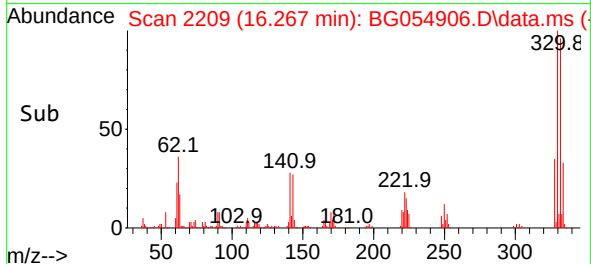
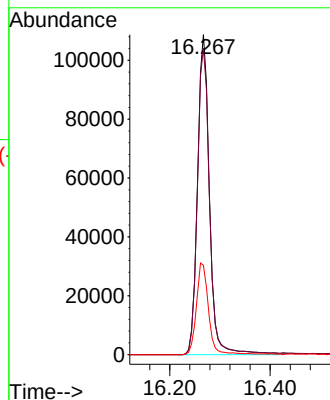
Tgt Ion:330 Resp: 180146

Ion Ratio Lower Upper

330 100

332 97.6 79.8 119.6

141 28.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 77.370 ng

RT: 13.400 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG054906.D

Acq: 9 Sep 2022 21:14

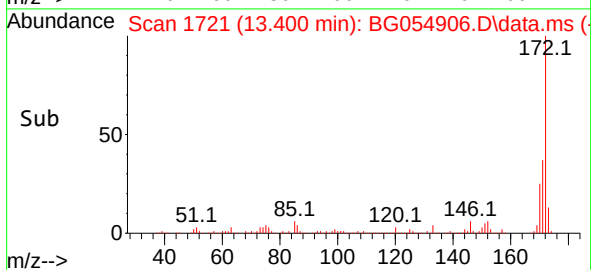
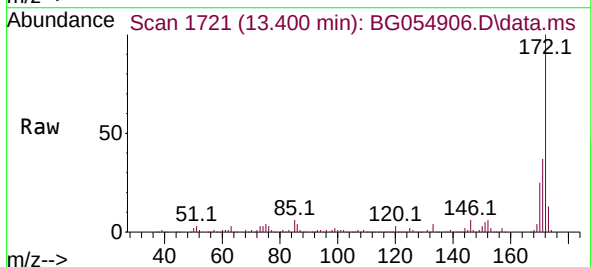
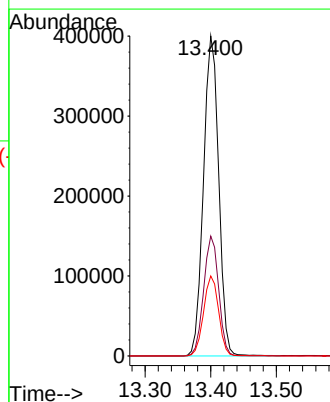
Tgt Ion:172 Resp: 641268

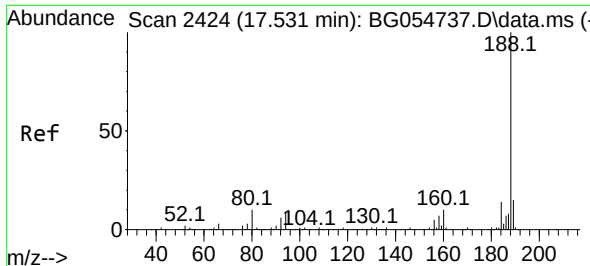
Ion Ratio Lower Upper

172 100

171 37.4 31.2 46.8

170 25.0 20.6 30.8

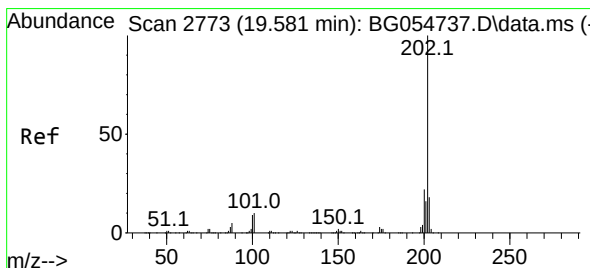
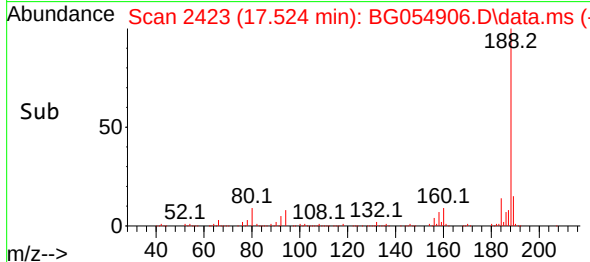
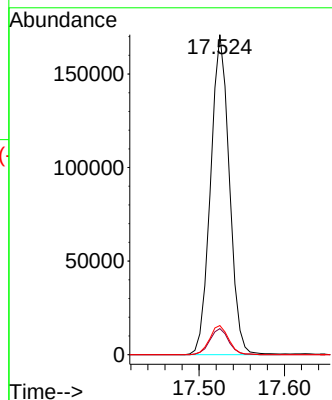
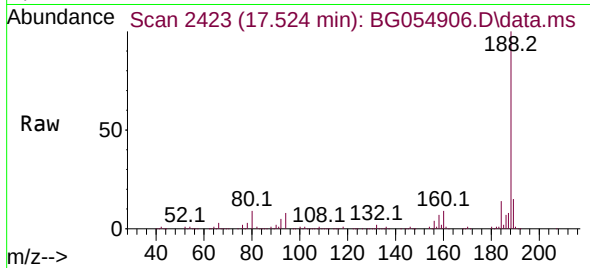




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

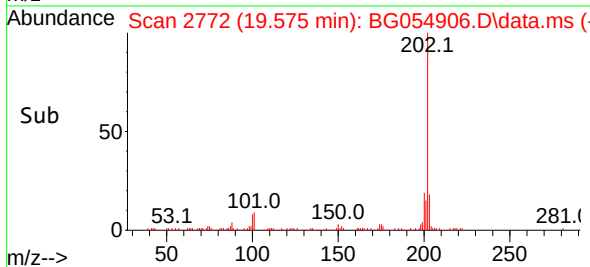
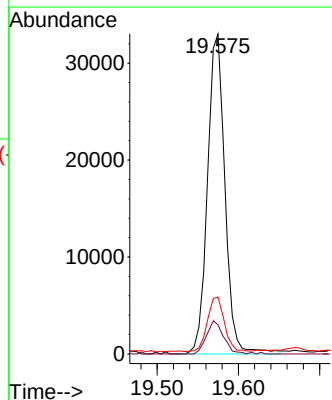
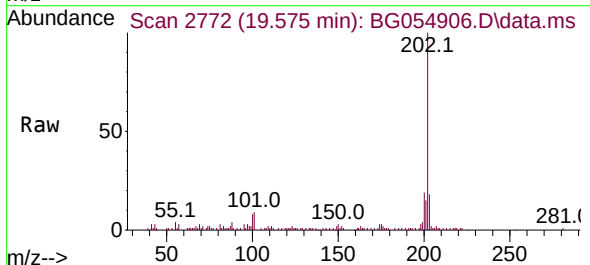
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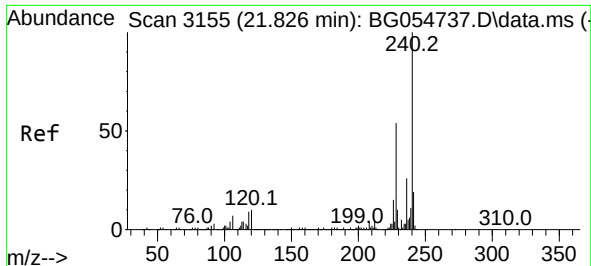
Tgt Ion:188 Resp: 261232
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.4
80 9.1 7.9 11.9



#75
Fluoranthene
Concen: 2.920 ng
RT: 19.575 min Scan# 2772
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

Tgt Ion:202 Resp: 49440
Ion Ratio Lower Upper
202 100
101 9.1 0.0 31.4
203 17.8 0.0 38.6

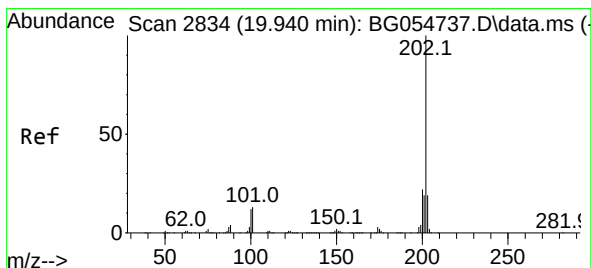
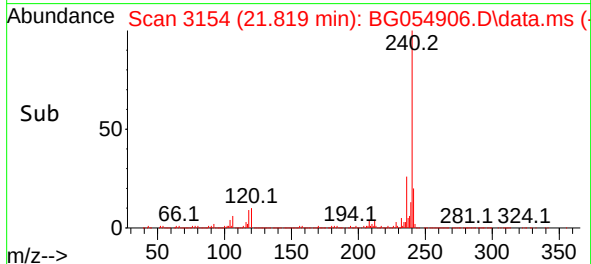
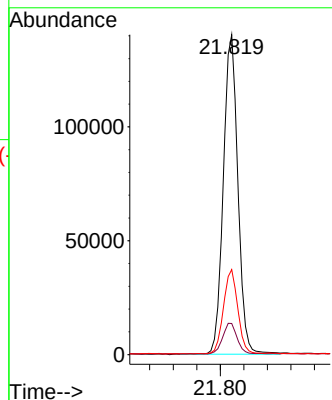
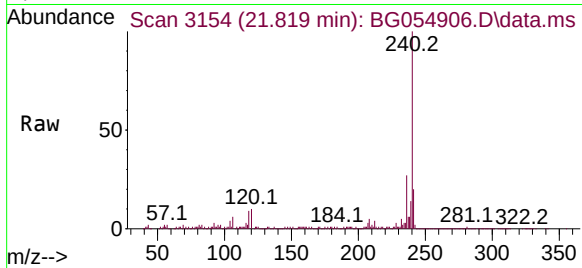




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

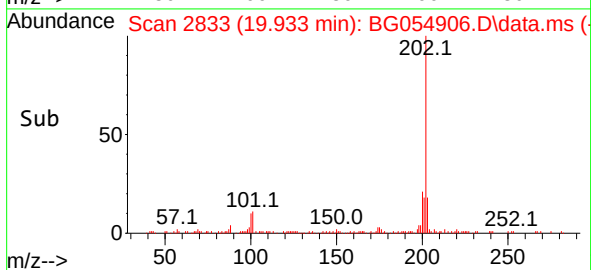
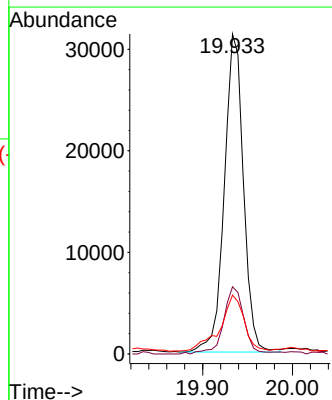
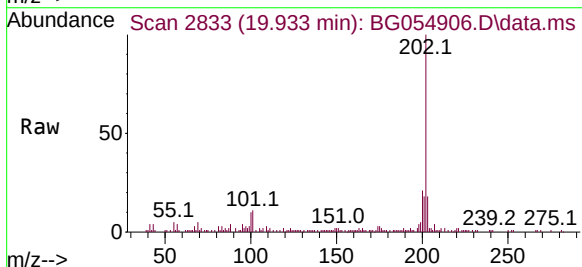
Instrument :
BNA_G
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MBD-MP-1-0-46

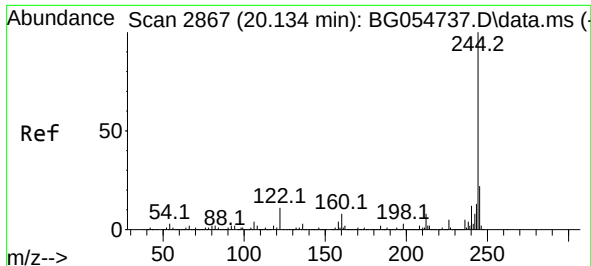
Tgt Ion:240 Resp: 241402
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.4
236 26.6 21.2 31.8



#78
Pyrene
Concen: 2.764 ng
RT: 19.933 min Scan# 2833
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

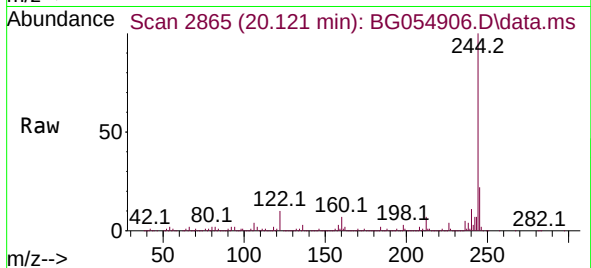
Tgt Ion:202 Resp: 46522
Ion Ratio Lower Upper
202 100
200 21.0 17.8 26.6
203 18.4 14.6 21.8



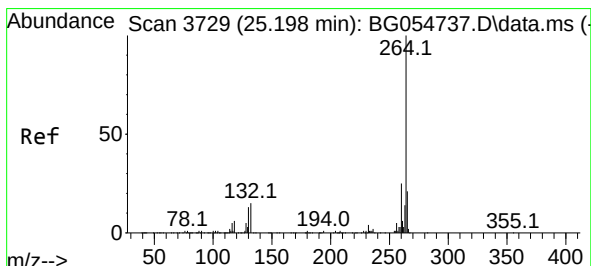
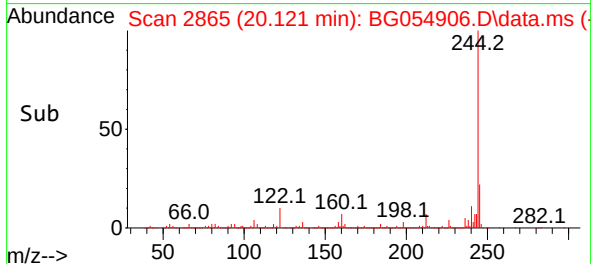
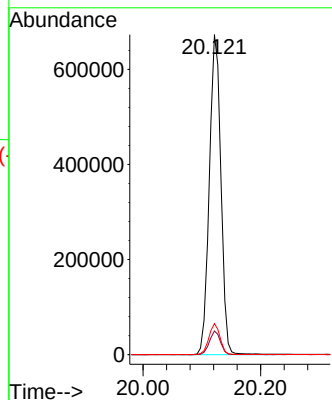


#79
 Terphenyl-d14
 Concen: 75.387 ng
 RT: 20.121 min Scan# 2865
 Delta R.T. -0.005 min
 Lab File: BG054906.D
 Acq: 9 Sep 2022 21:14

Instrument :
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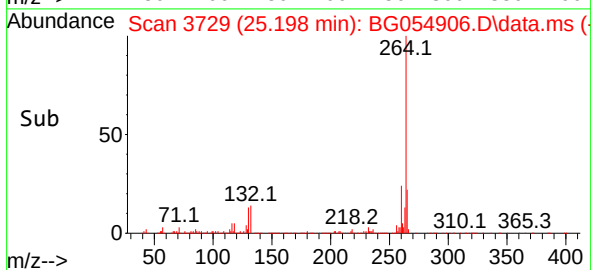
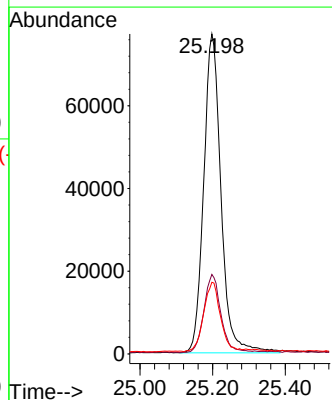
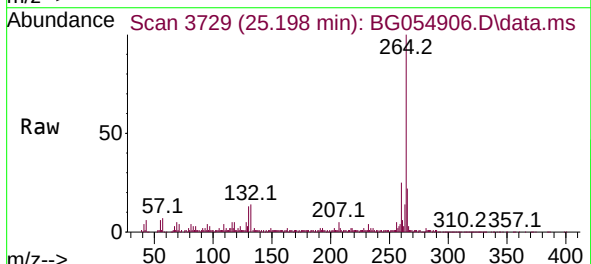


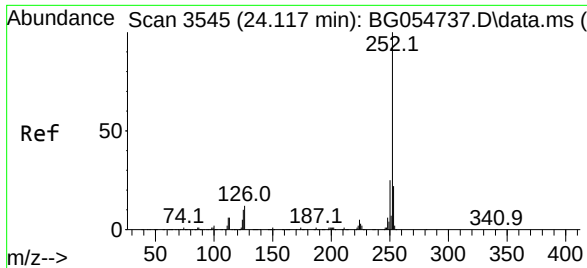
Tgt Ion:244 Resp: 918479
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.198 min Scan# 3729
 Delta R.T. -0.005 min
 Lab File: BG054906.D
 Acq: 9 Sep 2022 21:14

Tgt Ion:264 Resp: 255246
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 22.4 16.9 25.3





#88

Benzo(b)fluoranthene

Concen: 2.161 ng

RT: 24.117 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG054906.D

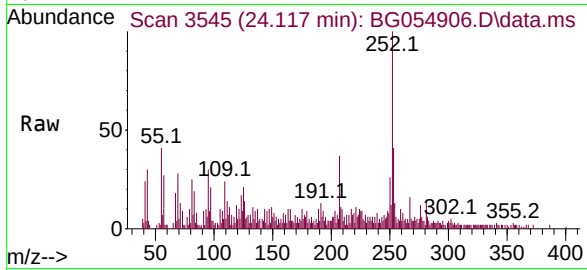
Acq: 9 Sep 2022 21:14

Instrument :

BNA_G

ClientSampleId :

MBD-MP-1-0-46



Tgt Ion:252 Resp: 34598

Ion Ratio Lower Upper

252 100

253 41.2 18.0 27.0#

125 21.2 8.1 12.1#

