

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)

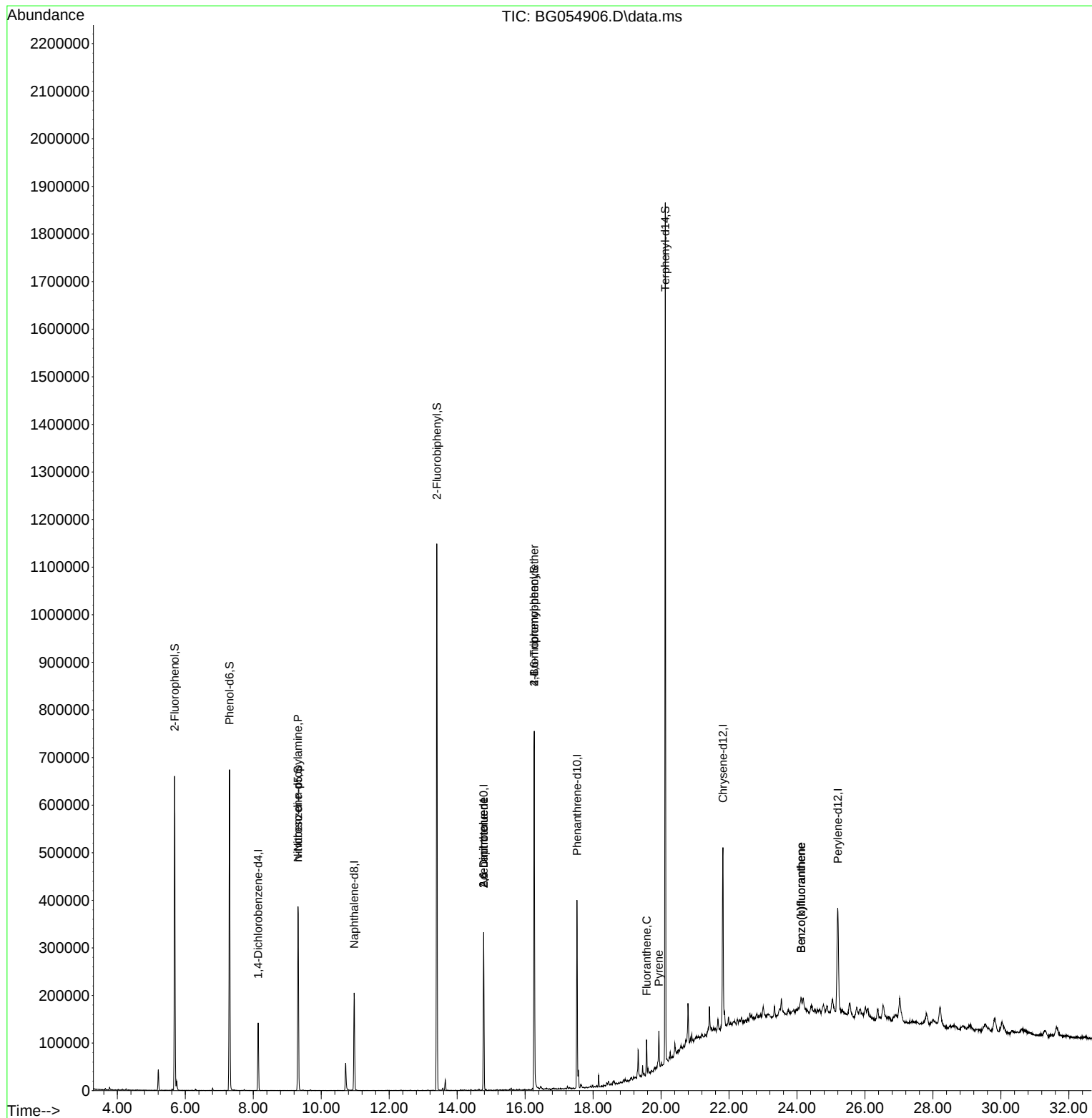
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	44841	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	185624	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	124575	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	261232	20.000	ng	0.00
76) Chrysene-d12	21.819	240	241402	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.316	70	32133	13.269	ng	# 77
51) 2,6-Dinitrotoluene	14.781	165	16466	8.388	ng	# 20
57) 2,4-Dinitrotoluene	14.781	165	16466	6.064	ng	# 18
67) 4-Bromophenyl-phenylether	16.267	248	10905	3.802	ng	# 1
75) Fluoranthene	19.575	202	49440	2.920	ng	97
78) Pyrene	19.933	202	46522	2.764	ng	98
88) Benzo(b)fluoranthene	24.117	252	34598	2.161	ng	# 64
89) Benzo(k)fluoranthene	24.117	252	34598	2.147	ng	# 64

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

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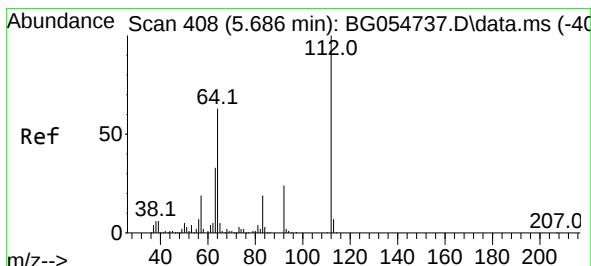
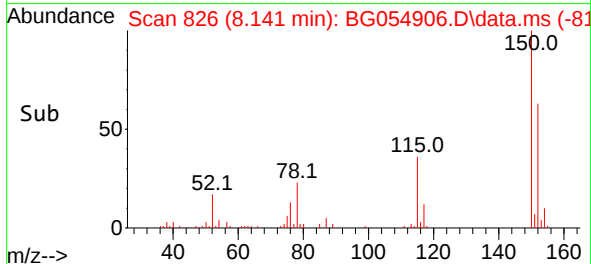
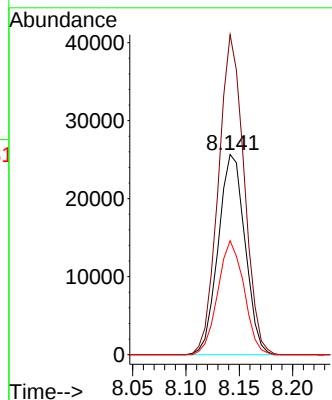
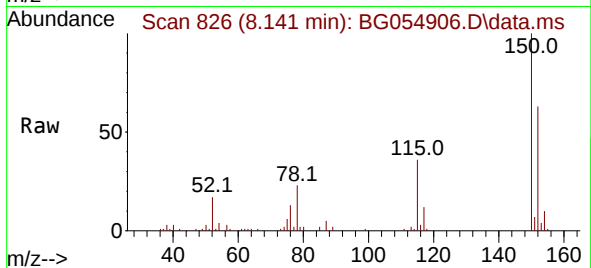




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.141 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

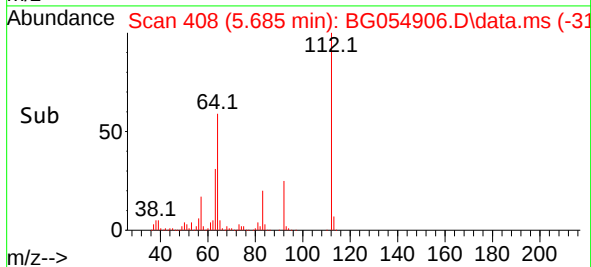
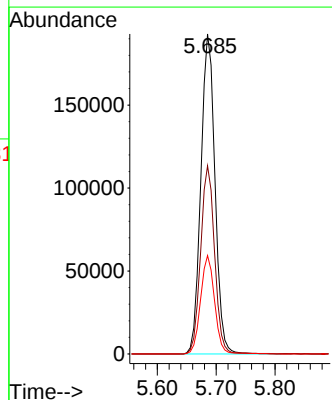
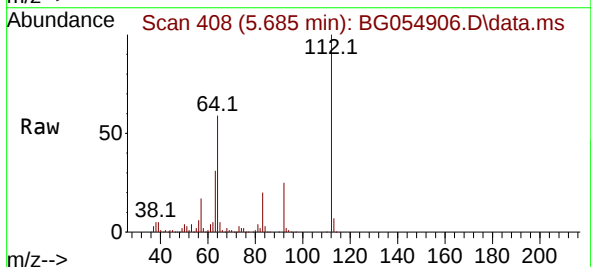
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

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

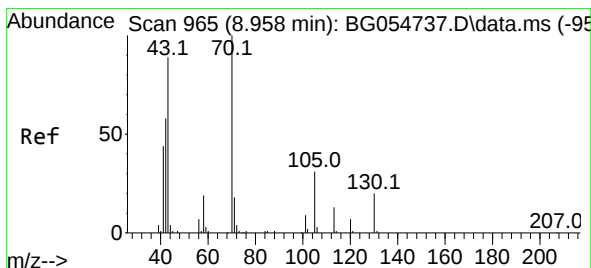
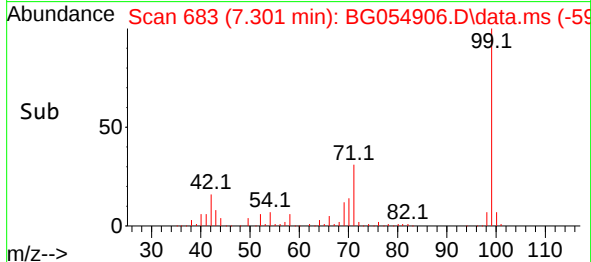
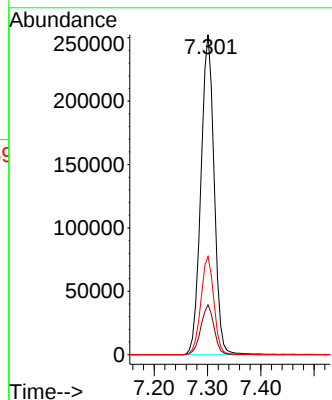
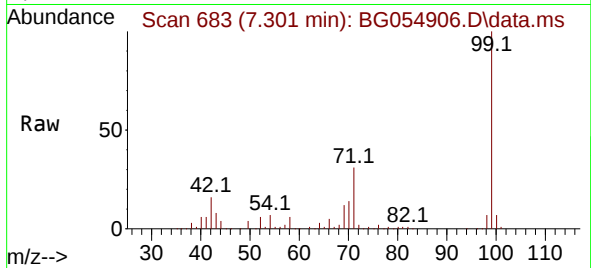




#7
Phenol-d6
Concen: 123.569 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

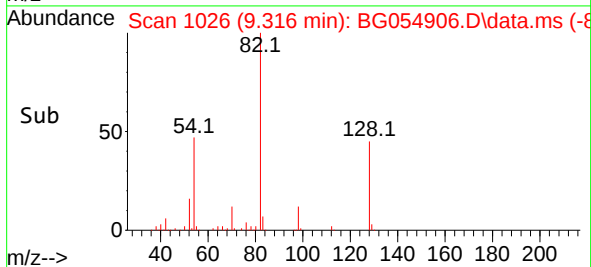
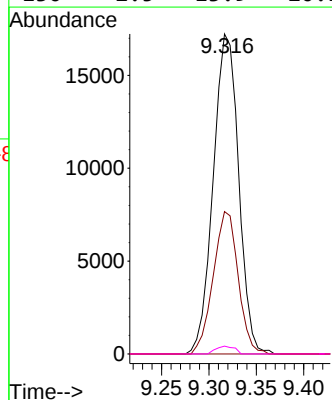
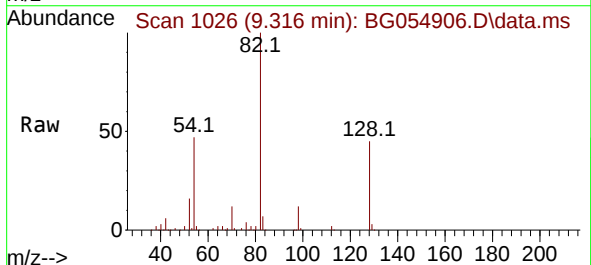
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

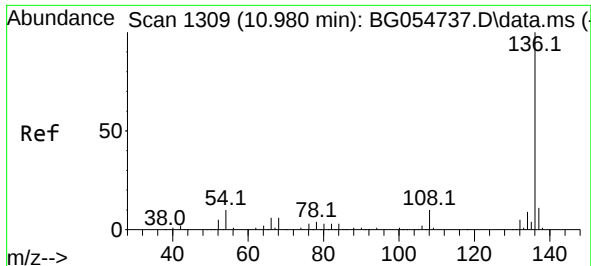
Tgt Ion: 99 Resp: 435161
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 30.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.269 ng
RT: 9.316 min Scan# 1026
Delta R.T. 0.365 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

Tgt Ion: 70 Resp: 32133
Ion Ratio Lower Upper
70 100
42 44.5 46.6 69.8#
101 0.0 7.7 11.5#
130 2.5 13.9 20.9#

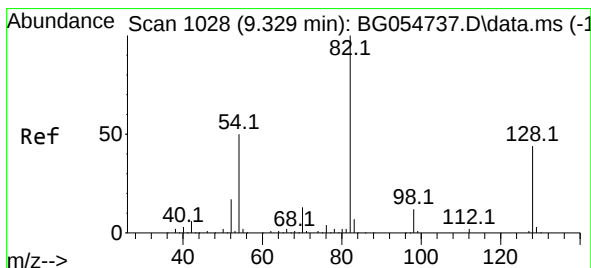
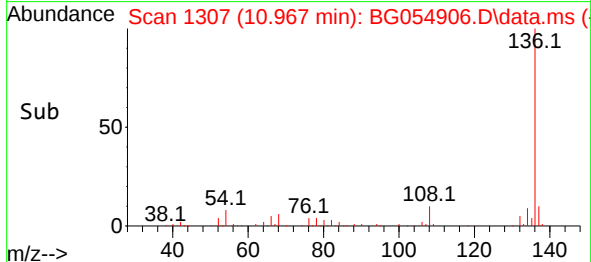
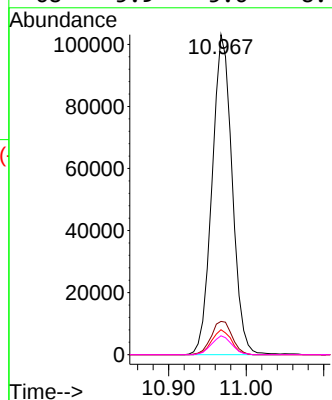
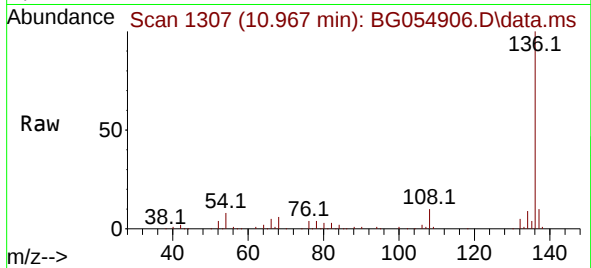




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

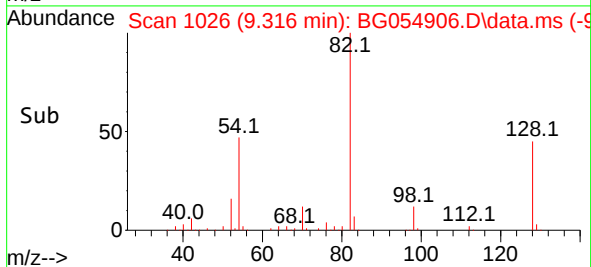
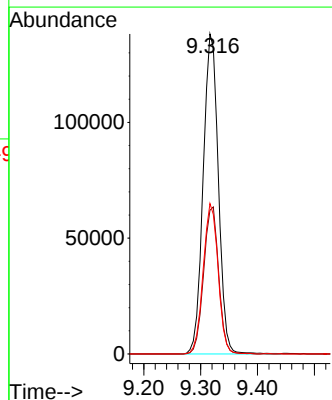
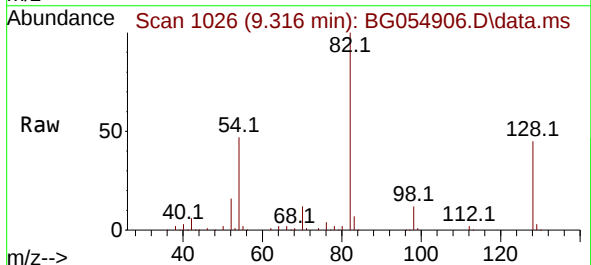
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

Tgt Ion:	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

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

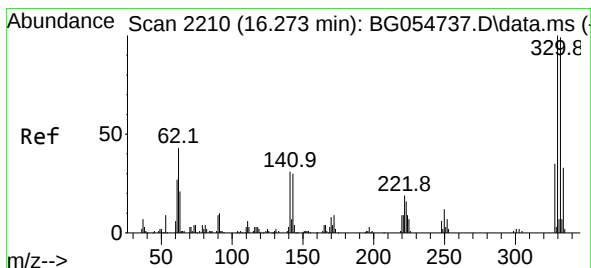
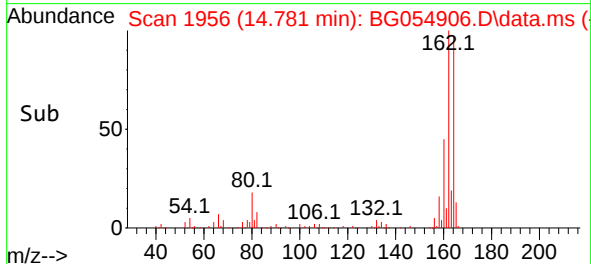
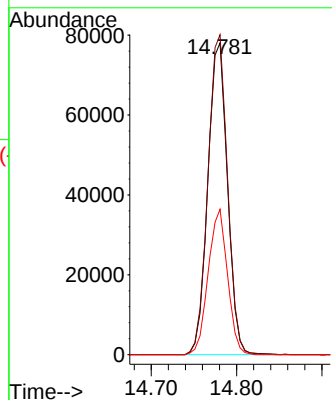
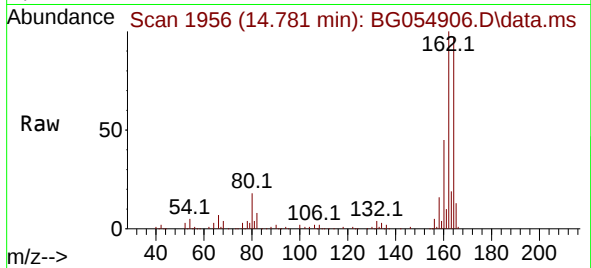




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.001 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

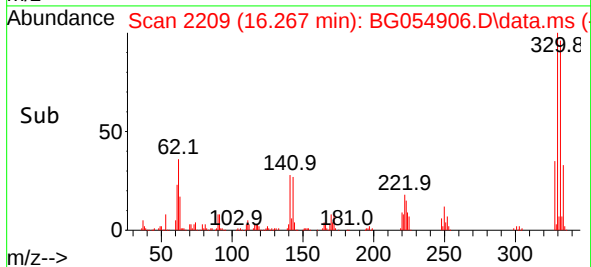
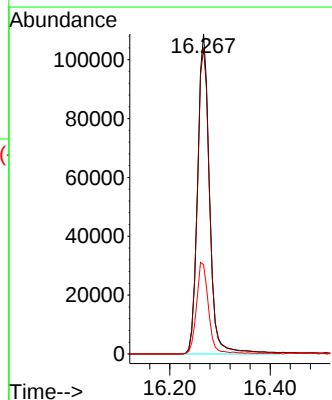
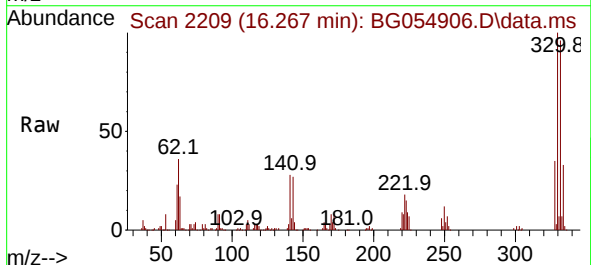
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

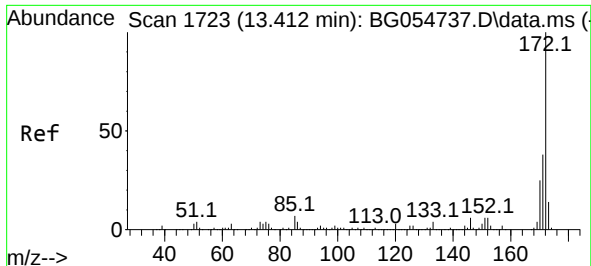
Tgt Ion:164 Resp: 124575
Ion Ratio Lower Upper
164 100
162 102.6 83.0 124.4
160 46.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 115.727 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

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

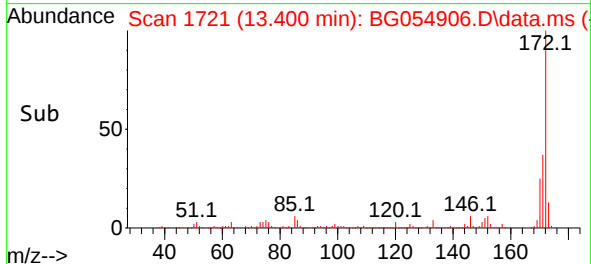
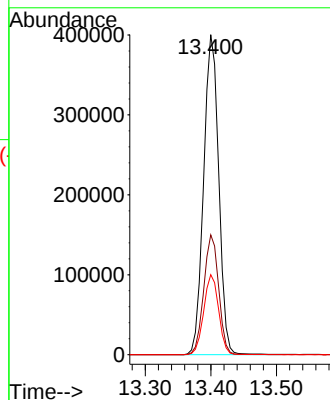
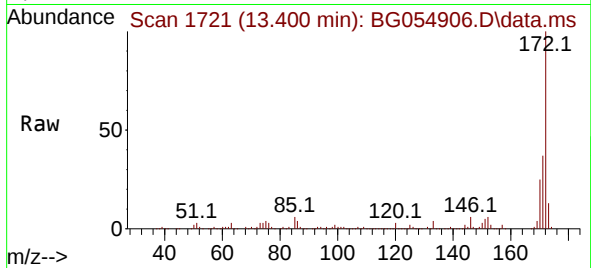




#45
2-Fluorobiphenyl
Concen: 77.370 ng
RT: 13.400 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

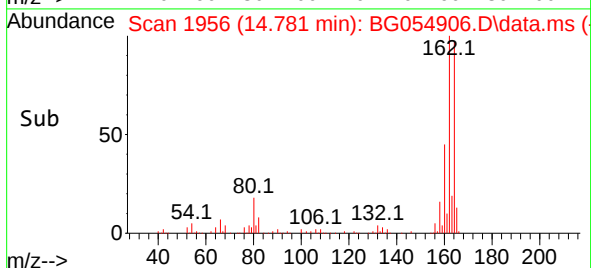
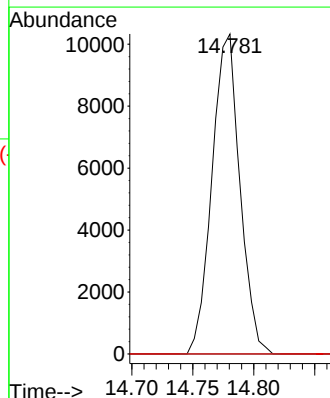
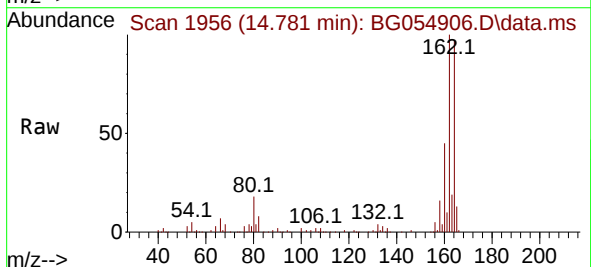
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

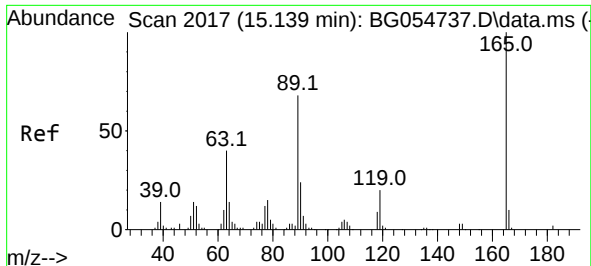
Tgt Ion:172 Resp: 641268
Ion Ratio Lower Upper
172 100
171 37.4 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.388 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

Tgt Ion:165 Resp: 16466
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

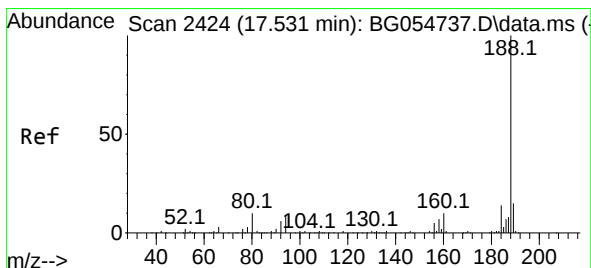
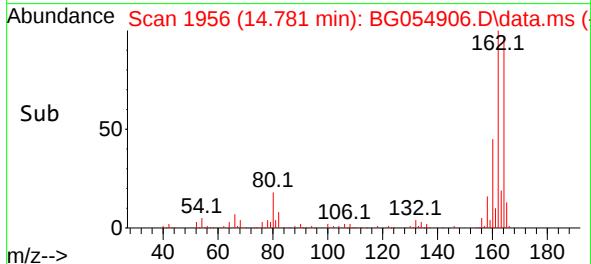
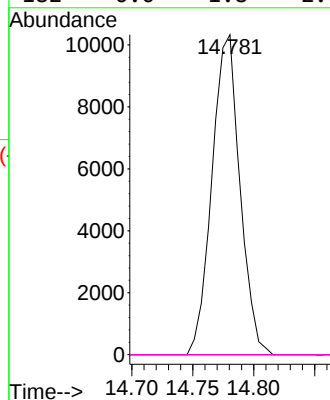
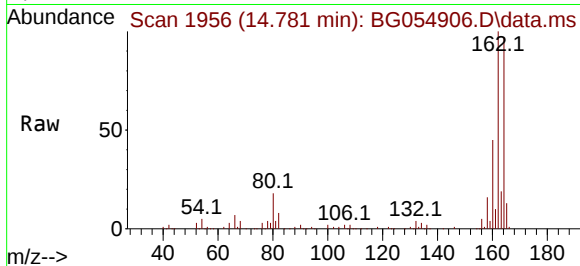




#57
2,4-Dinitrotoluene
Concen: 6.064 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.363 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

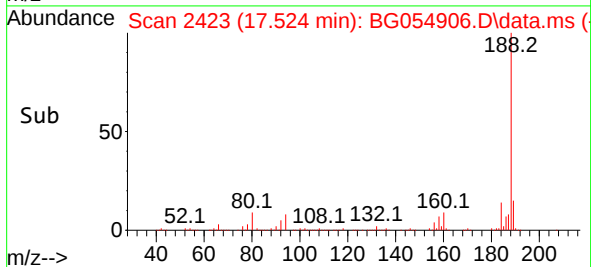
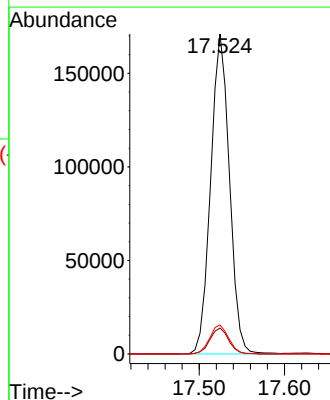
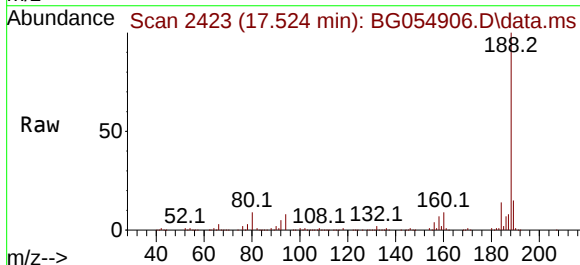
Instrument :
BNA_G
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MBD-MP-1-0-46

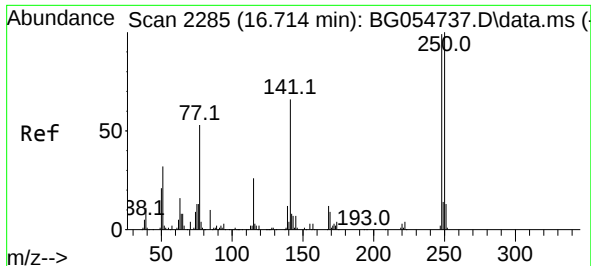
Tgt Ion:165 Resp: 16466
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

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

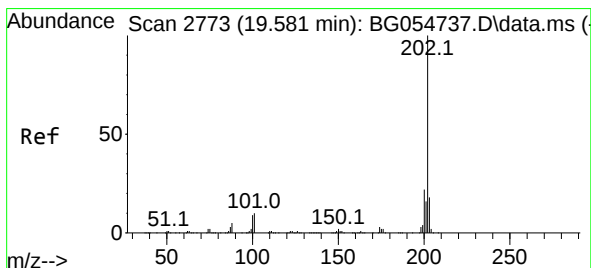
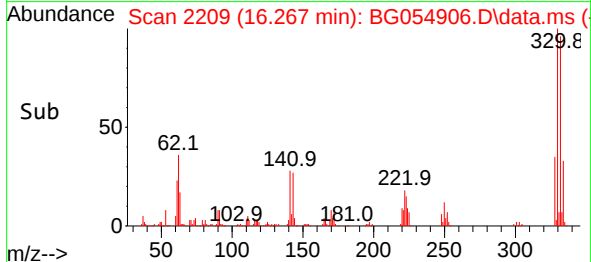
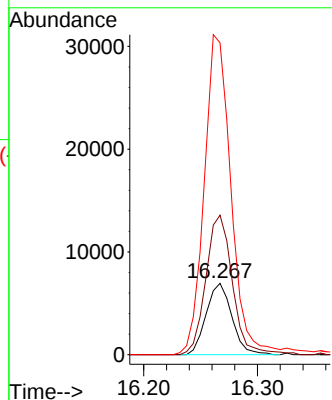
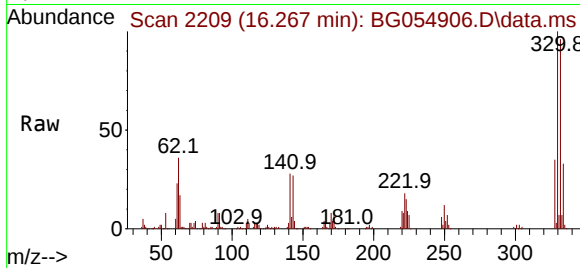




#67
4-Bromophenyl-phenylether
Concen: 3.802 ng
RT: 16.267 min Scan# 211
Delta R.T. -0.440 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

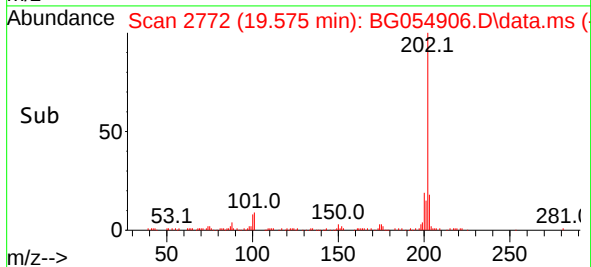
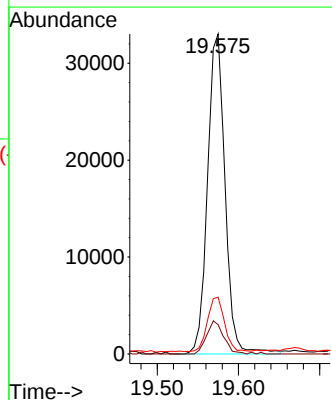
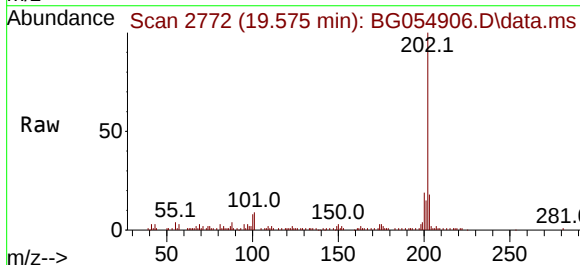
Instrument :
BNA_G
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MBD-MP-1-0-46

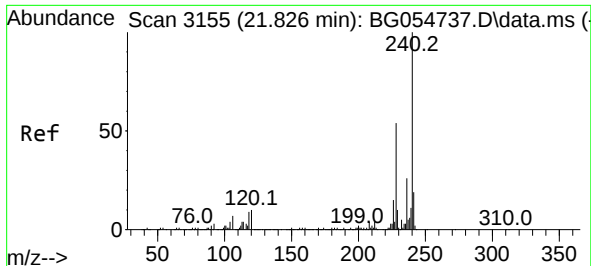
Tgt Ion:248 Resp: 10905
Ion Ratio Lower Upper
248 100
250 195.4 78.8 118.2#
141 436.7 51.9 77.9#



#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

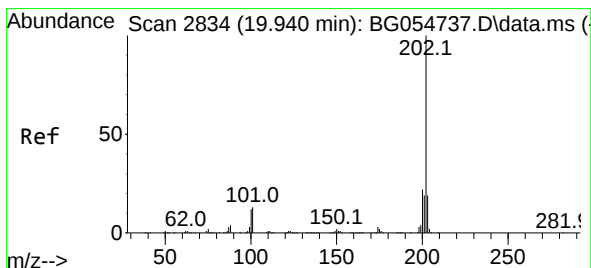
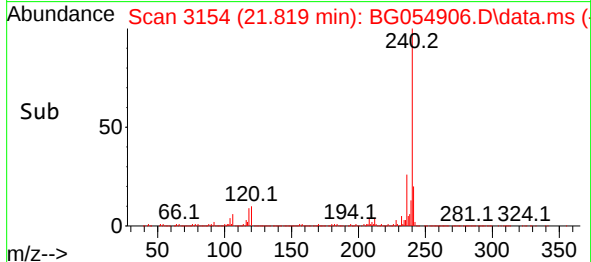
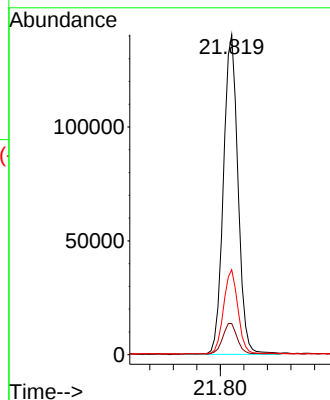
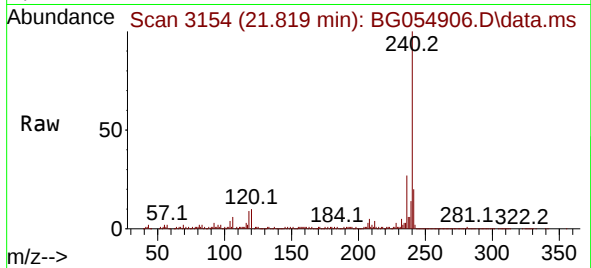




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054906.D
Acq: 9 Sep 2022 21:14

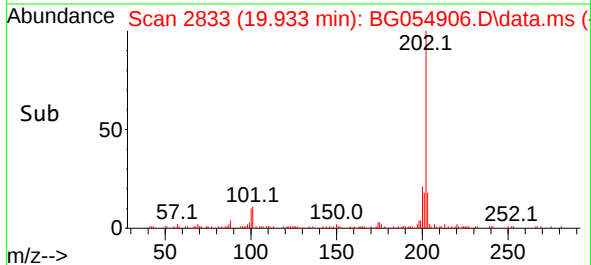
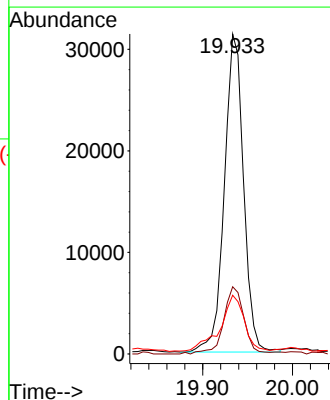
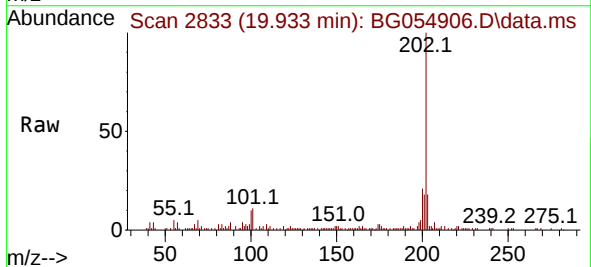
Instrument :
BNA_G
ClientSampleId :
MBD-MP-1-0-46

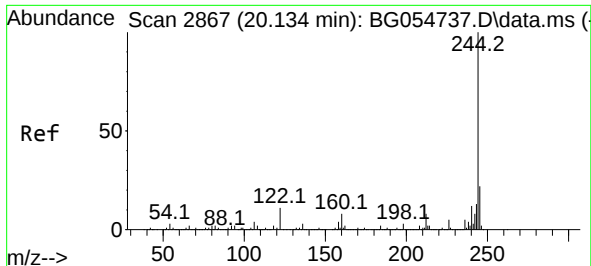
Tgt Ion:240 Resp: 241402
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.4
236 26.6 21.2 31.8



#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

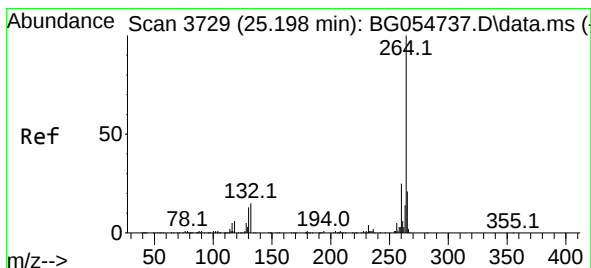
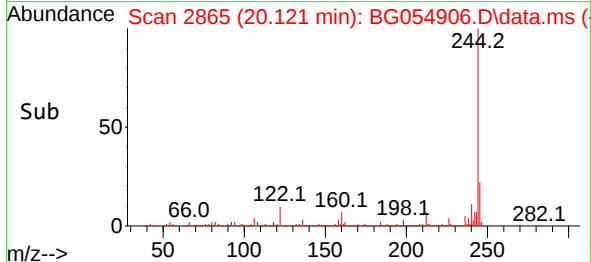
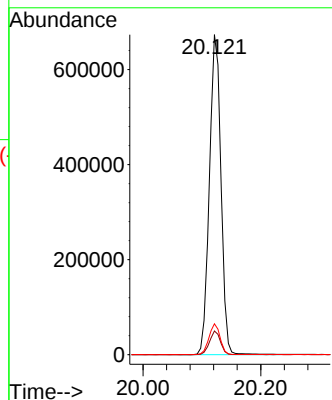
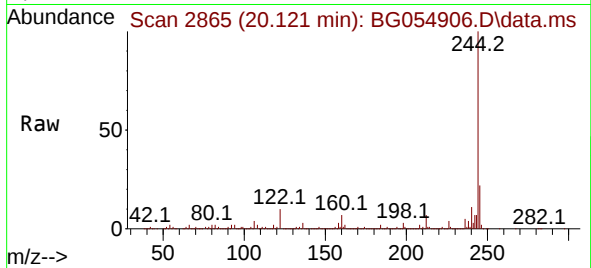




#79
 Terphenyl-d14
 Concen: 75.387 ng
 RT: 20.121 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG054906.D
 Acq: 9 Sep 2022 21:14

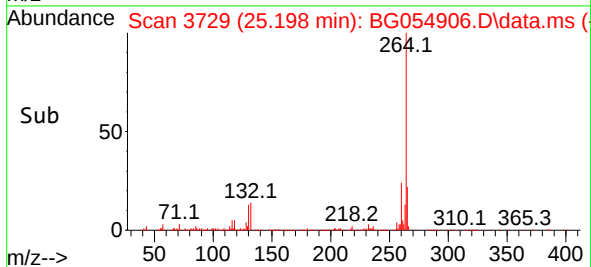
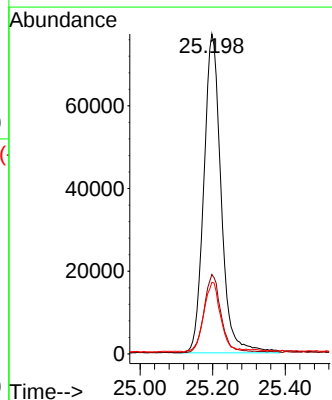
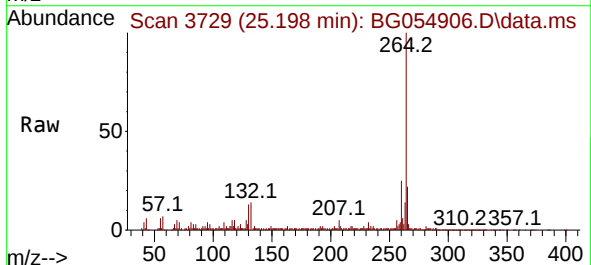
Instrument :
 BNA_G
 ClientSampleId :
 MBD-MP-1-0-46

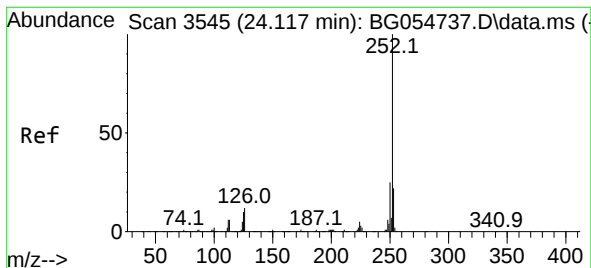
Tgt Ion:244 Resp: 918479
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.7 9.0 13.6



#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# 3545

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

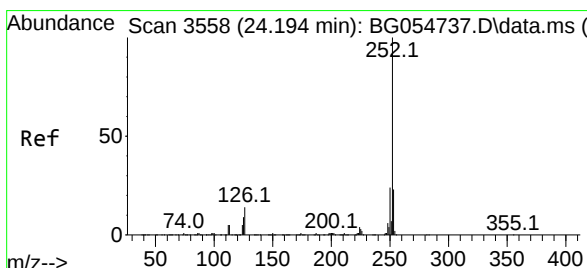
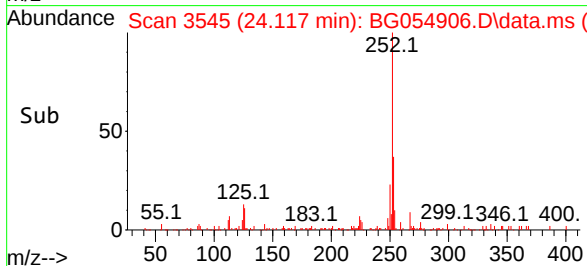
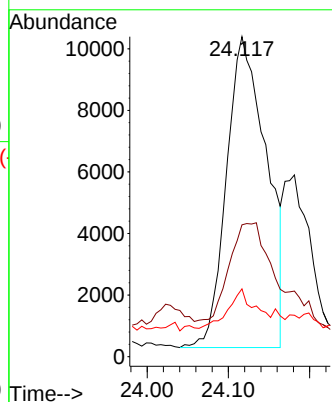
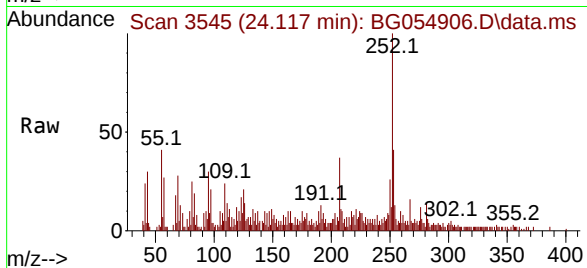
Tgt Ion:252 Resp: 34598

Ion Ratio Lower Upper

252 100

253 41.2 18.0 27.0#

125 21.2 8.1 12.1#



#89

Benzo(k)fluoranthene

Concen: 2.147 ng

RT: 24.117 min Scan# 3545

Delta R.T. -0.075 min

Lab File: BG054906.D

Acq: 9 Sep 2022 21:14

Tgt Ion:252 Resp: 34598

Ion Ratio Lower Upper

252 100

253 41.2 17.8 26.8#

125 21.2 8.2 12.4#

