

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054907.D
 Acq On : 9 Sep 2022 21:57
 Operator : CG/JU
 Sample : N4538-07 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MBD-SB-1-2-0-5

Quant Time: Sep 10 02:03:31 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	8.140	152	48585	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	200749	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	130066	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	263938	20.000	ng	0.00
76) Chrysene-d12	21.819	240	247792	20.000	ng	0.00
86) Perylene-d12	25.197	264	261988	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	55766	19.987	ng	0.00
7) Phenol-d6	7.300	99	78164	20.485	ng	0.00
23) Nitrobenzene-d5	9.316	82	45253	11.834	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	29034	17.864	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	125119	14.458	ng	0.00
79) Terphenyl-d14	20.121	244	182320	14.579	ng	0.00

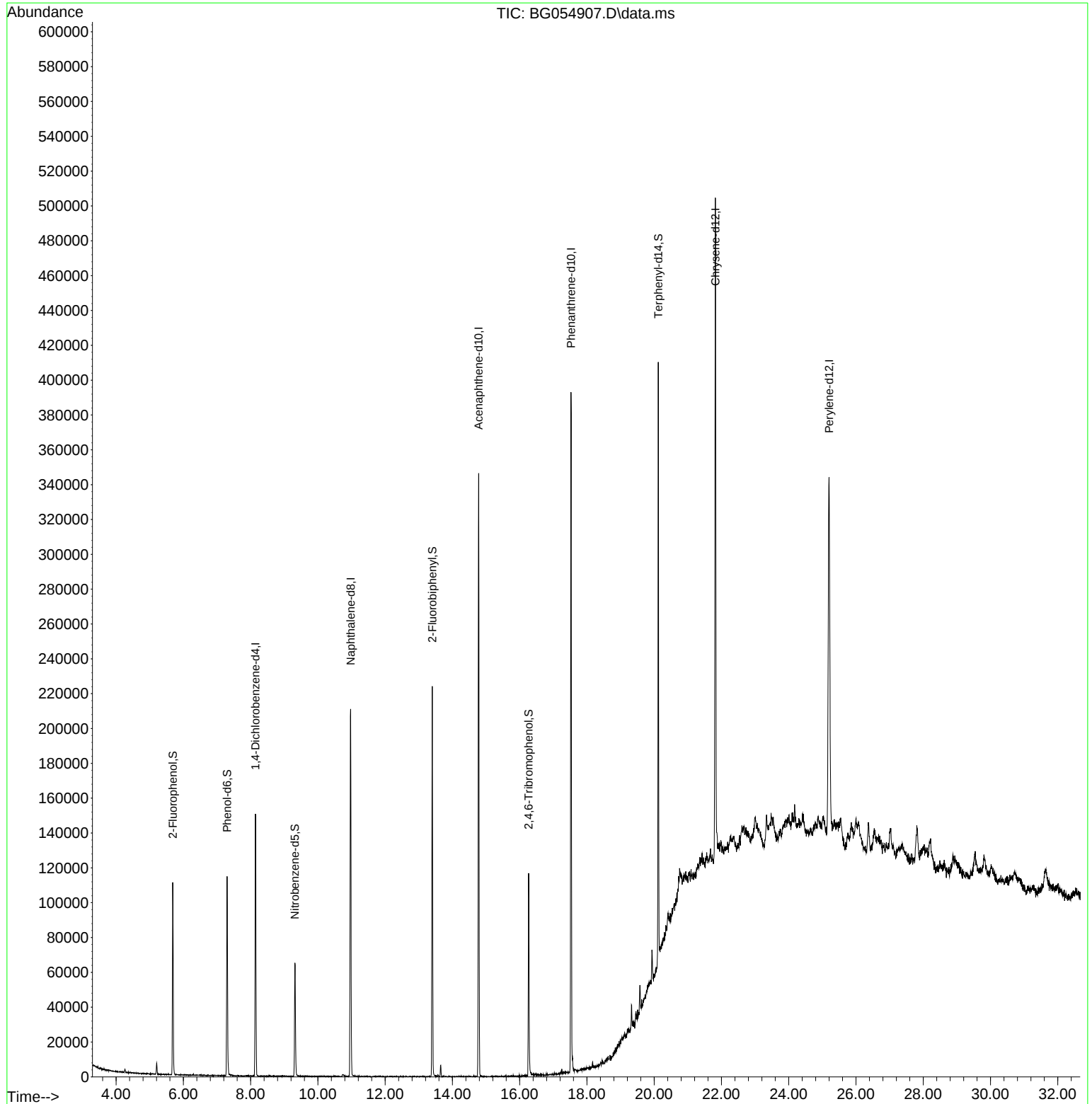
Target Compounds	Qvalue

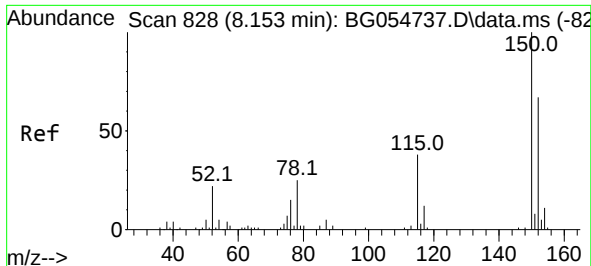
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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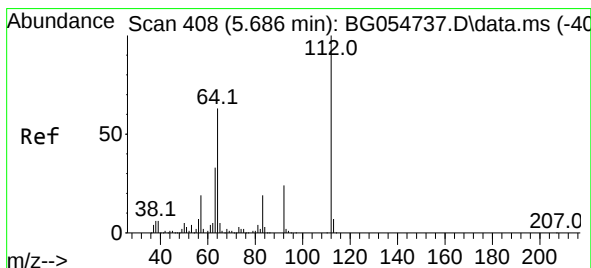
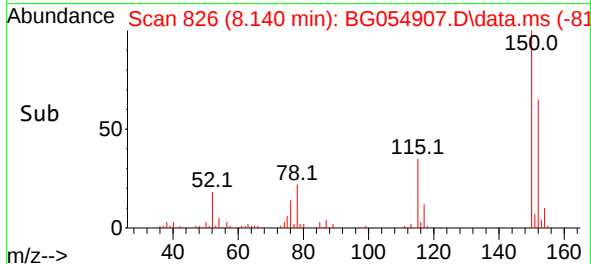
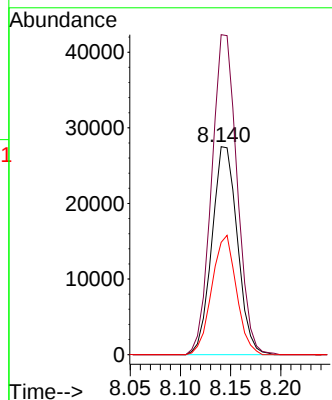
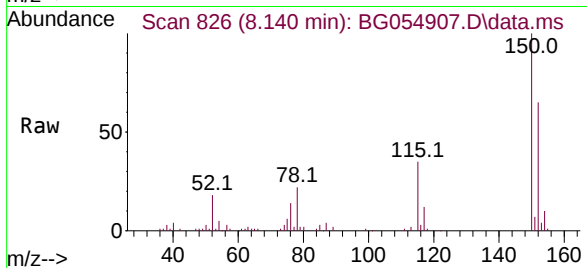




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

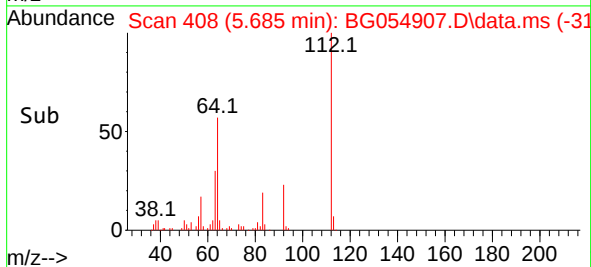
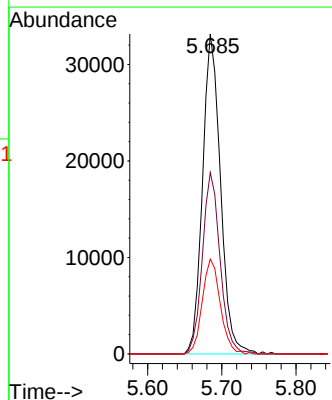
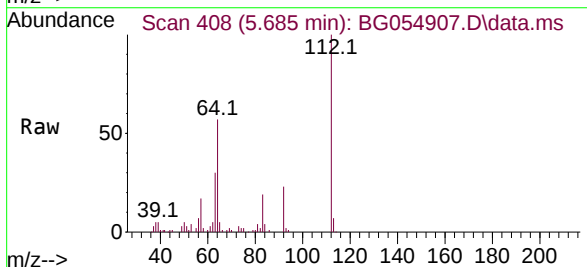
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

Tgt Ion:152 Resp: 48585
Ion Ratio Lower Upper
152 100
150 153.9 125.2 187.8
115 53.9 47.9 71.9



#5
2-Fluorophenol
Concen: 19.987 ng
RT: 5.685 min Scan# 408
Delta R.T. 0.000 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion:112 Resp: 55766
Ion Ratio Lower Upper
112 100
64 56.7 49.3 73.9
63 29.6 26.3 39.5

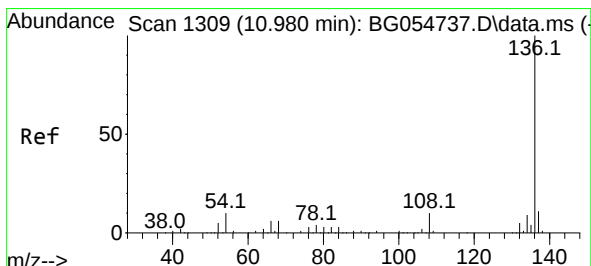
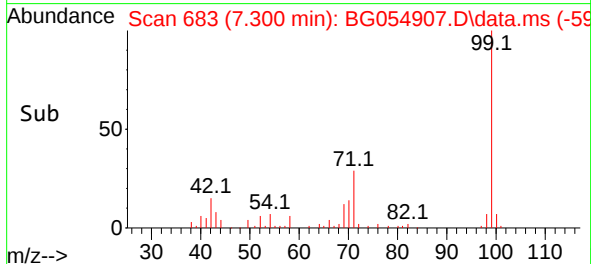
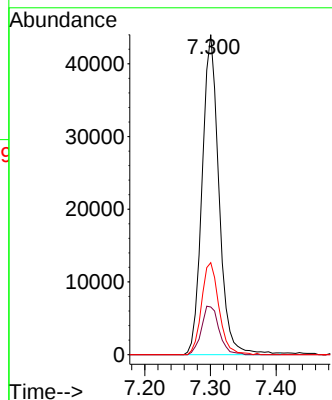
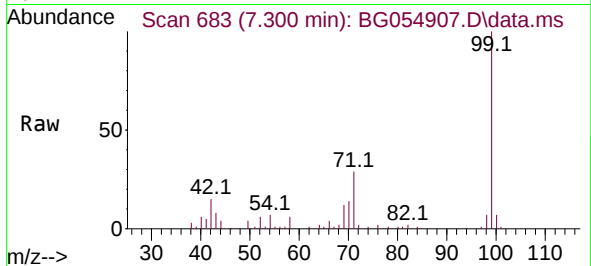




#7
Phenol-d6
Concen: 20.485 ng
RT: 7.300 min Scan# 682
Delta R.T. 0.000 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

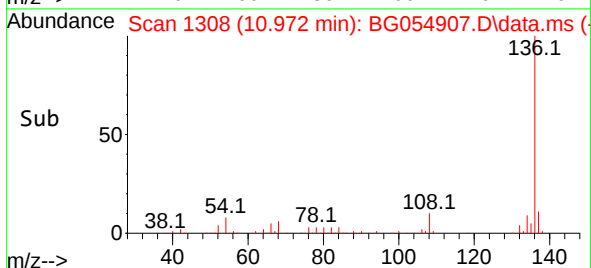
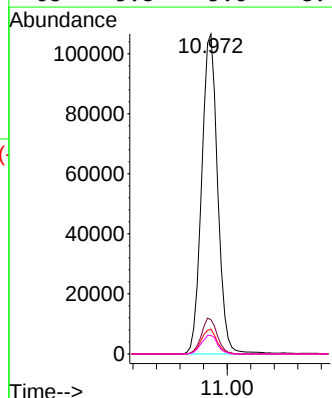
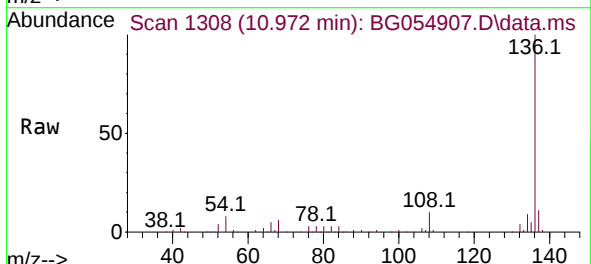
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

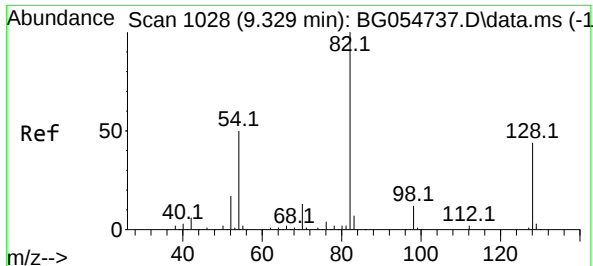
Tgt Ion: 99 Resp: 78164
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 28.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion: 136 Resp: 200749
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.7 7.7 11.5
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 11.834 ng

RT: 9.316 min Scan# 1026

Delta R.T. -0.006 min

Lab File: BG054907.D

Acq: 9 Sep 2022 21:57

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5

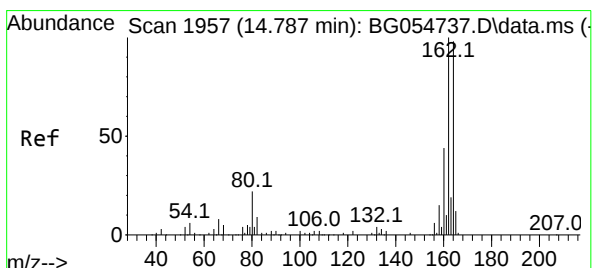
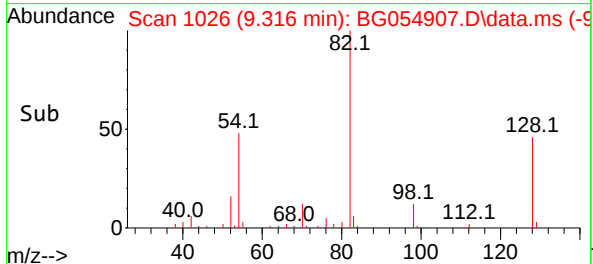
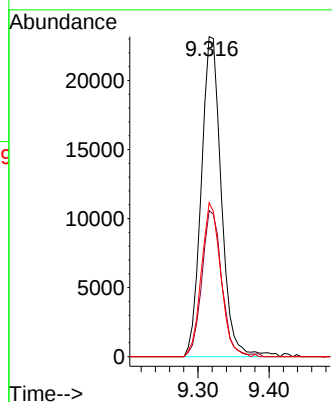
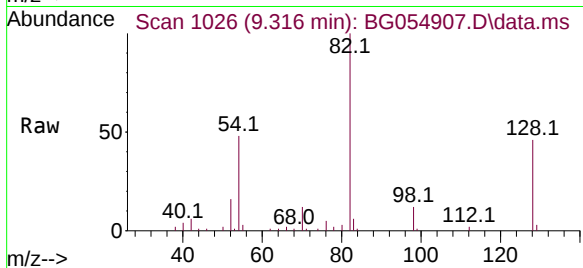
Tgt Ion: 82 Resp: 45253

Ion Ratio Lower Upper

82 100

128 45.6 32.2 48.2

54 48.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.780 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BG054907.D

Acq: 9 Sep 2022 21:57

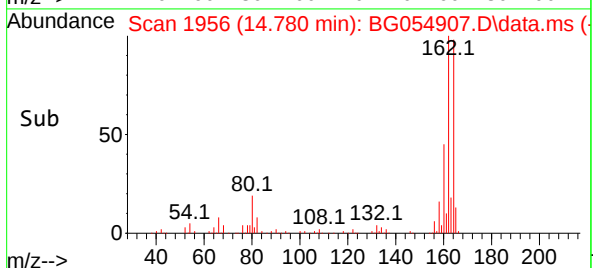
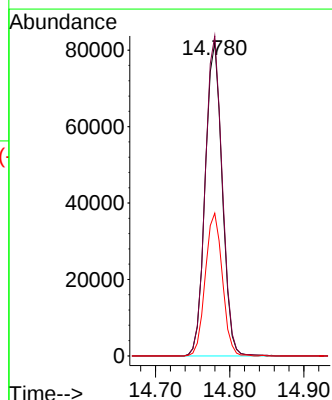
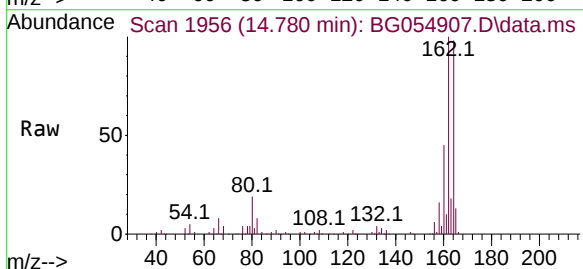
Tgt Ion:164 Resp: 130066

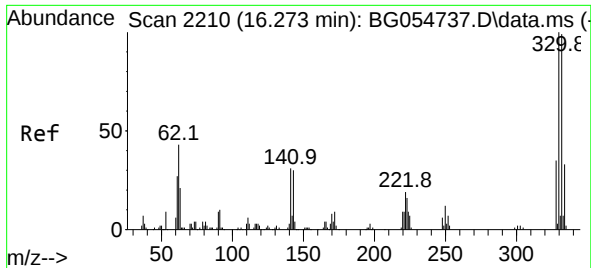
Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

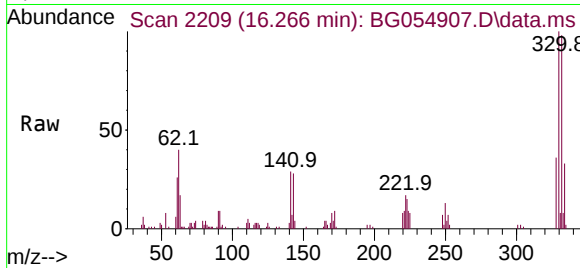
160 45.5 38.0 57.0



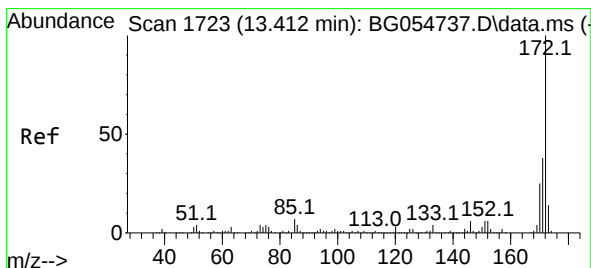
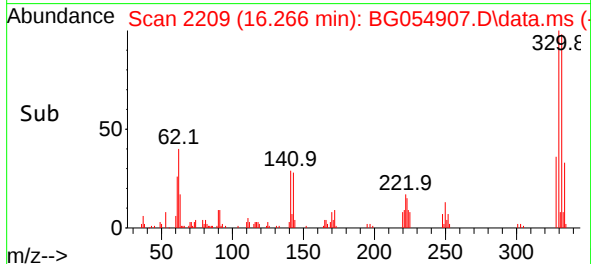
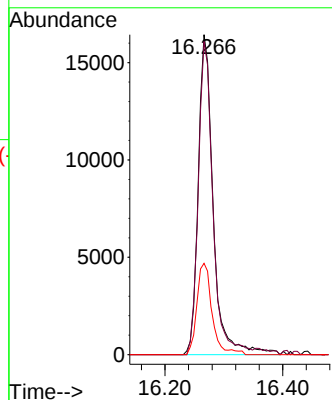


#42
2,4,6-Tribromophenol
Concen: 17.864 ng
RT: 16.266 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

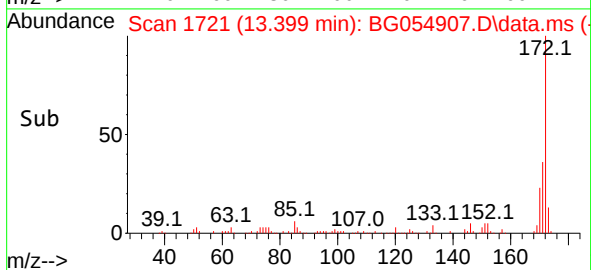
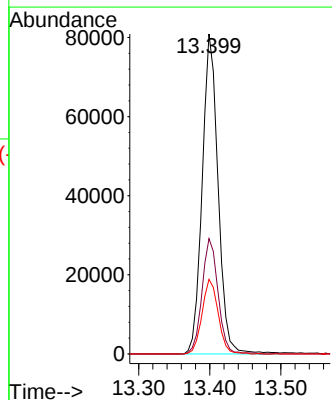
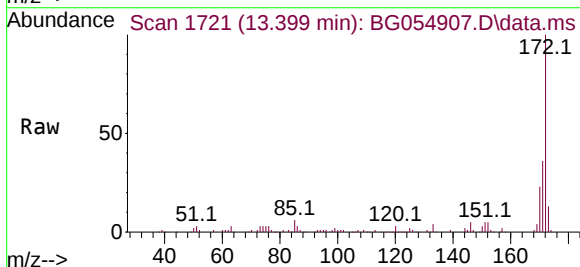


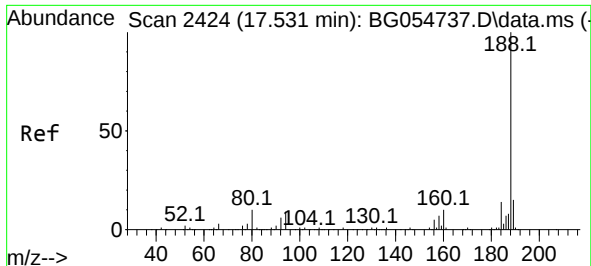
Tgt Ion:330 Resp: 29034
Ion Ratio Lower Upper
330 100
332 95.3 79.8 119.6
141 28.9 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 14.458 ng
RT: 13.399 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion:172 Resp: 125119
Ion Ratio Lower Upper
172 100
171 36.0 31.2 46.8
170 23.3 20.6 30.8

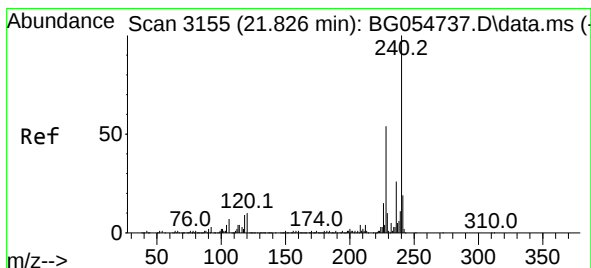
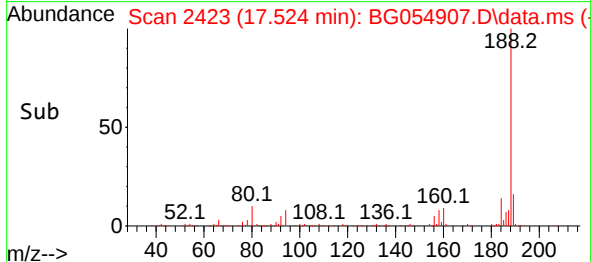
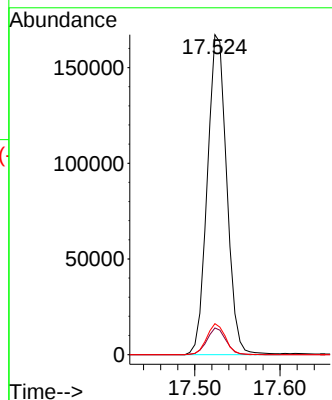
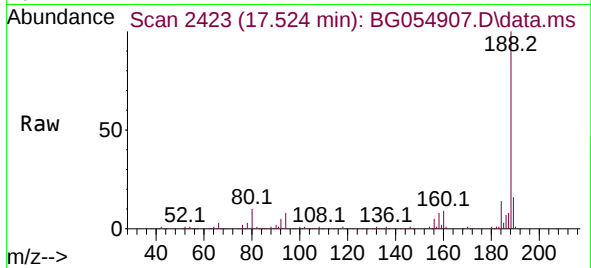




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.524 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

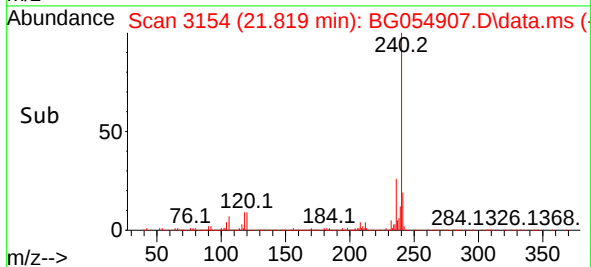
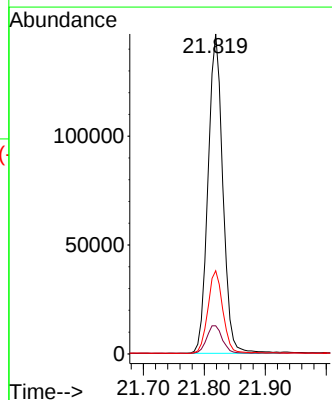
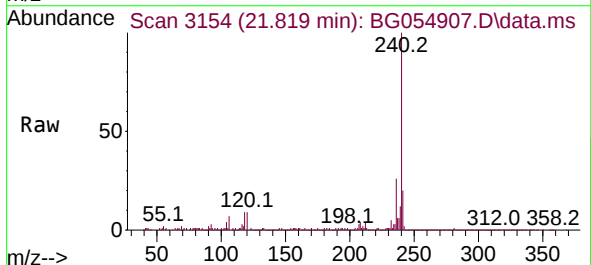
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

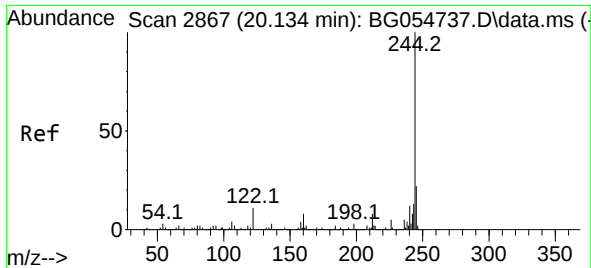
Tgt Ion:188 Resp: 263938
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion:240 Resp: 247792
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.0 21.2 31.8

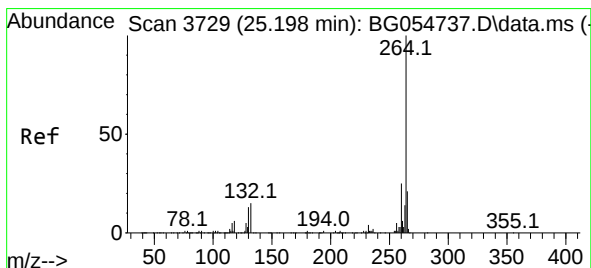
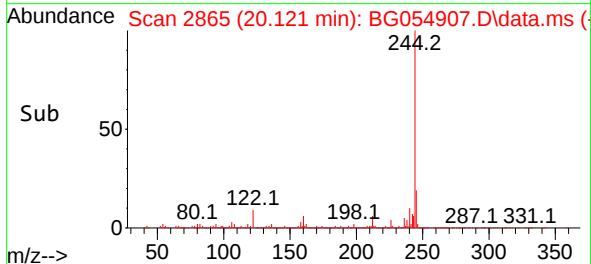
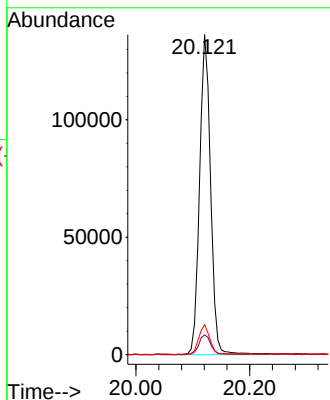
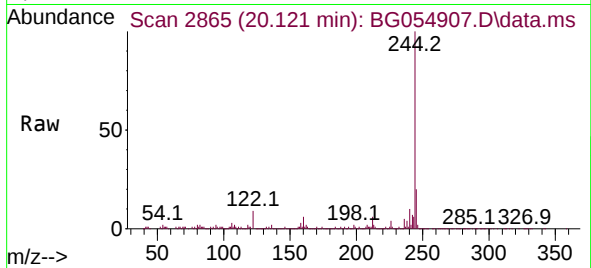




#79
 Terphenyl-d14
 Concen: 14.579 ng
 RT: 20.121 min Scan# 2865
 Delta R.T. -0.006 min
 Lab File: BG054907.D
 Acq: 9 Sep 2022 21:57

Instrument :
 BNA_G
 ClientSampleId :
 MBD-SB-1-2-0-5

Tgt Ion:244 Resp: 182320
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2#
 122 9.3 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.197 min Scan# 3729
 Delta R.T. -0.006 min
 Lab File: BG054907.D
 Acq: 9 Sep 2022 21:57

Tgt Ion:264 Resp: 261988
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.9 29.9
 265 21.6 16.9 25.3

