

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)

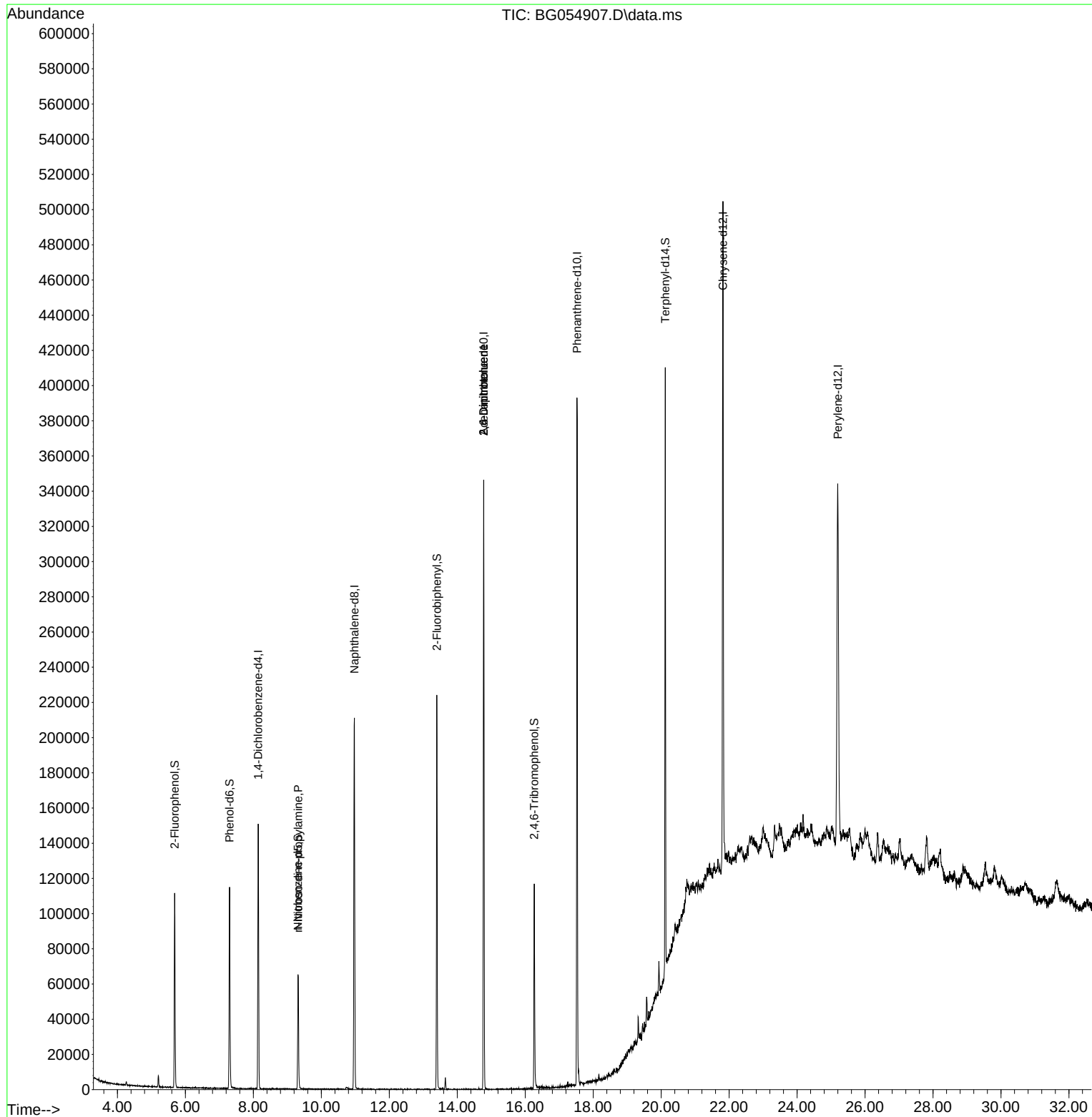
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	48585	20.000	ng	0.00
21) Naphthalene-d8	10.972	136	200749	20.000	ng	0.00
39) Acenaphthene-d10	14.780	164	130066	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	263938	20.000	ng	0.00
76) Chrysene-d12	21.819	240	247792	20.000	ng	0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.321	70	5460	2.081	ng	# 75
51) 2,6-Dinitrotoluene	14.780	165	17063	8.325	ng	# 21
57) 2,4-Dinitrotoluene	14.780	165	17063	6.019	ng	# 19

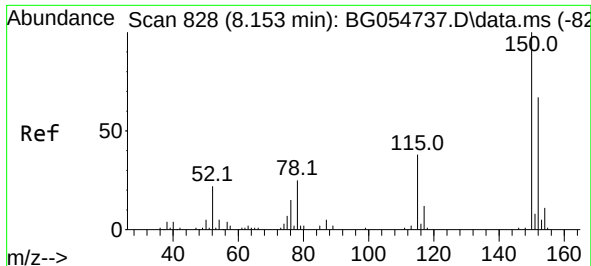
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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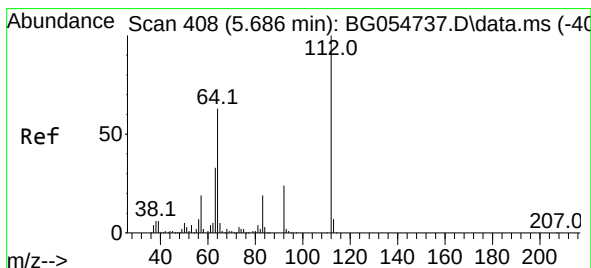
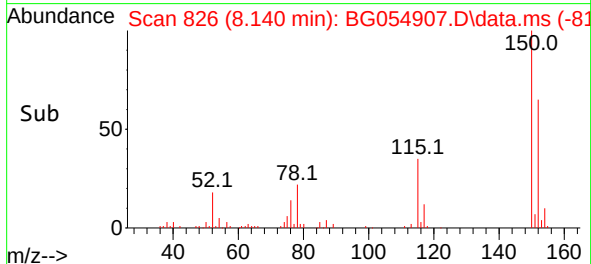
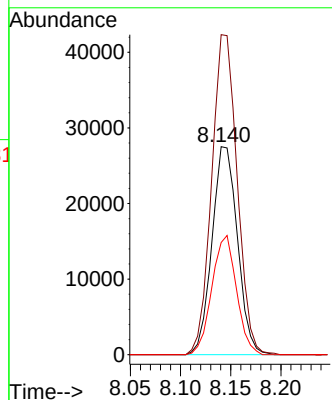
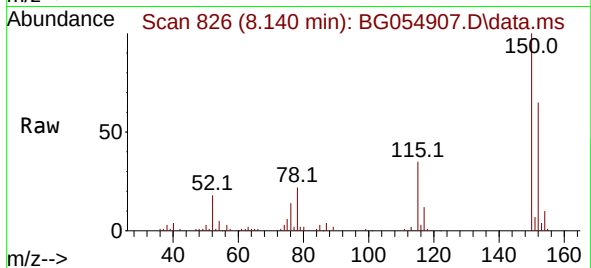




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

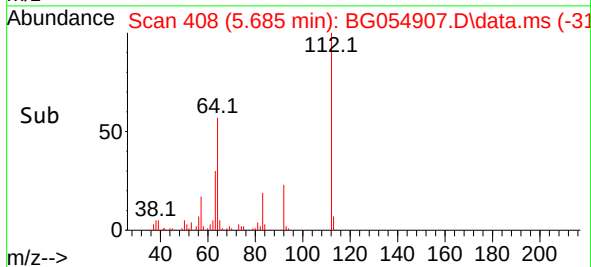
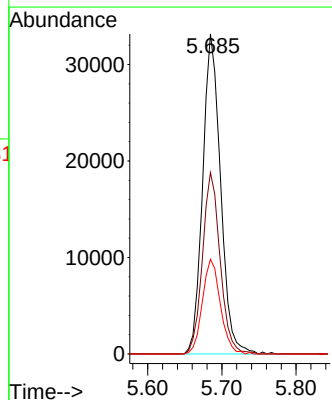
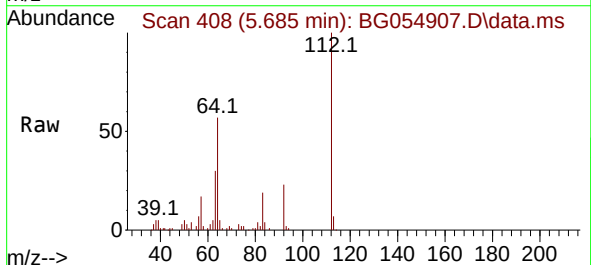
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

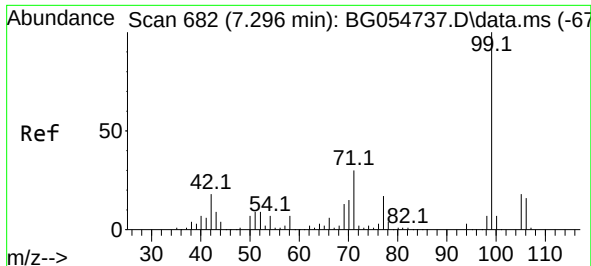
Tgt Ion:152 Resp: 48585
Ion Ratio Lower Upper
152 100
150 153.9 125.2 187.8
115 53.9 47.9 71.9



#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

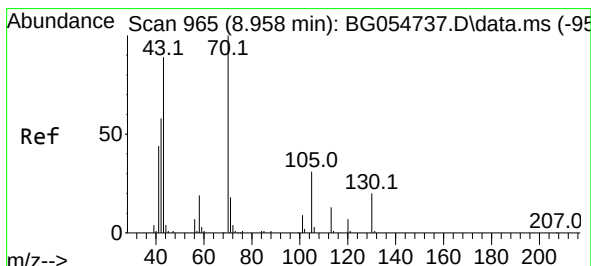
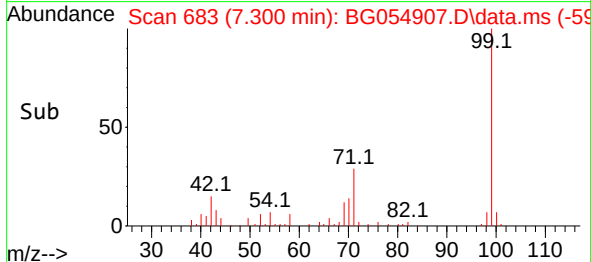
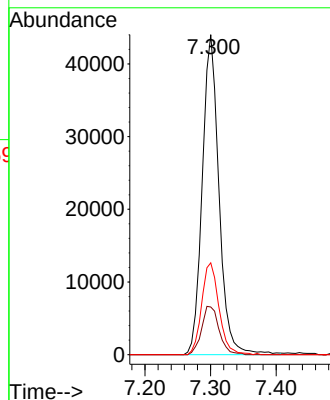
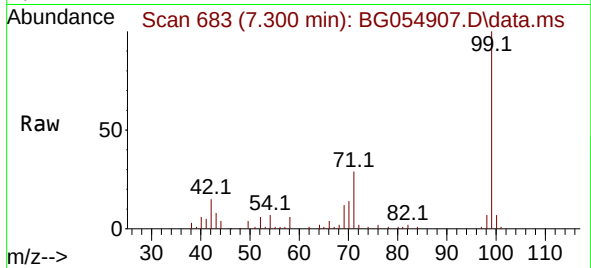




#7
Phenol-d6
Concen: 20.485 ng
RT: 7.300 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

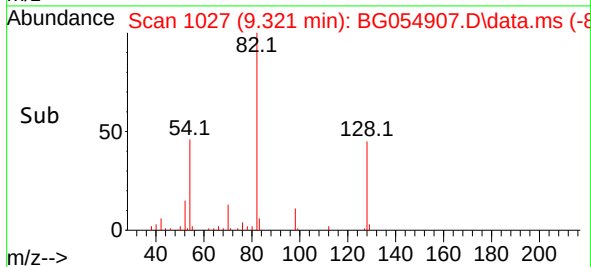
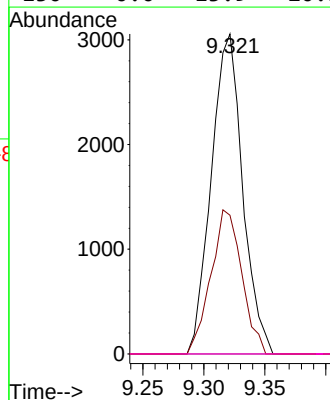
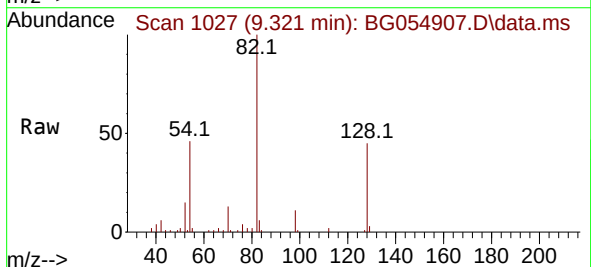
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

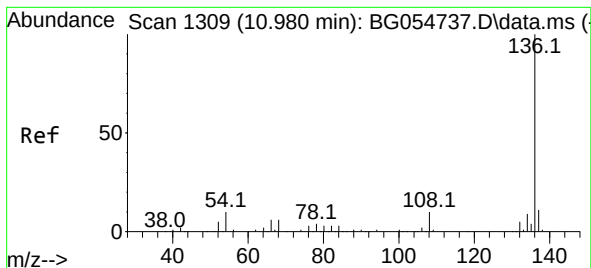
Tgt Ion: 99 Resp: 78164
Ion Ratio Lower Upper
99 100
42 14.9 14.6 22.0
71 28.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.081 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.370 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion: 70 Resp: 5460
Ion Ratio Lower Upper
70 100
42 43.3 46.6 69.8#
101 0.0 7.7 11.5#
130 0.0 13.9 20.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.972 min Scan# 11

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:136 Resp: 200749

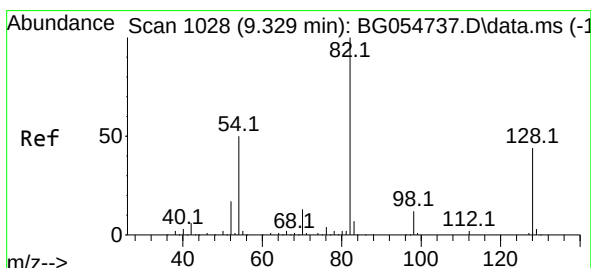
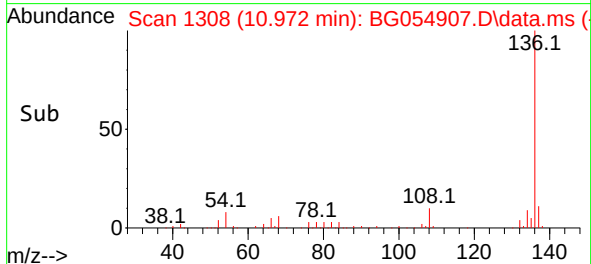
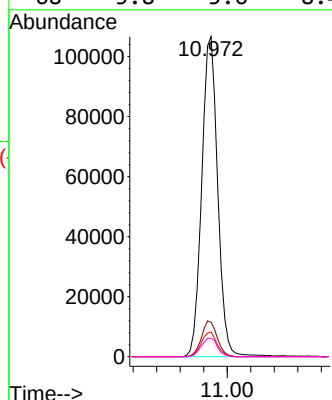
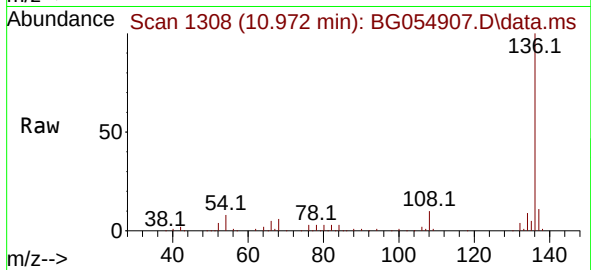
Ion Ratio Lower Upper

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

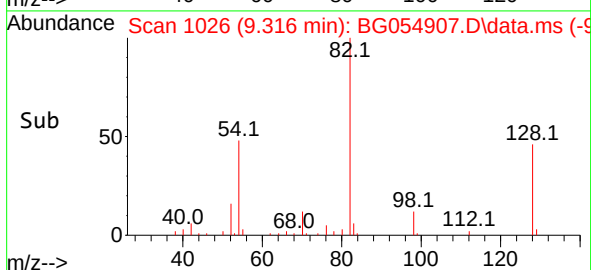
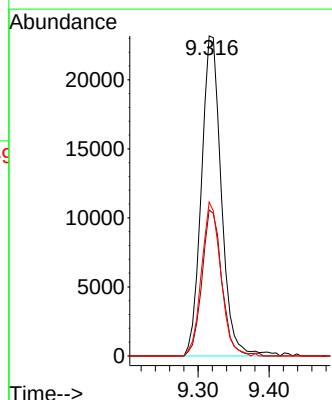
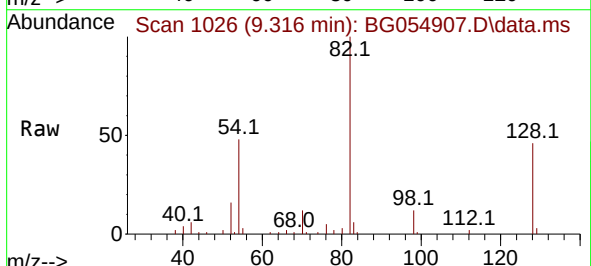
Tgt Ion: 82 Resp: 45253

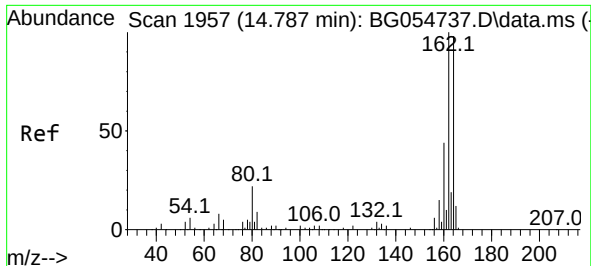
Ion Ratio Lower Upper

82 100

128 45.6 32.2 48.2

54 48.1 41.4 62.0

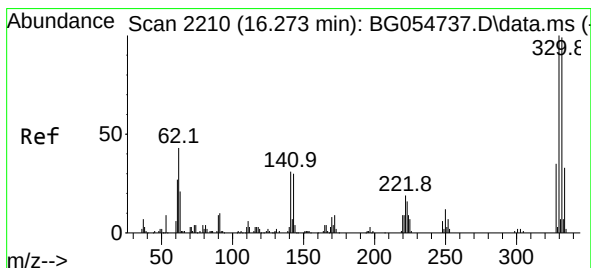
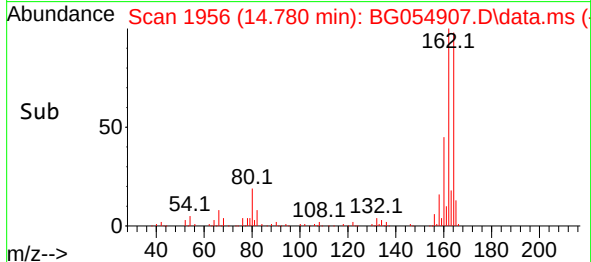
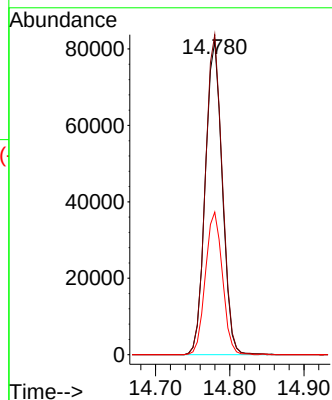
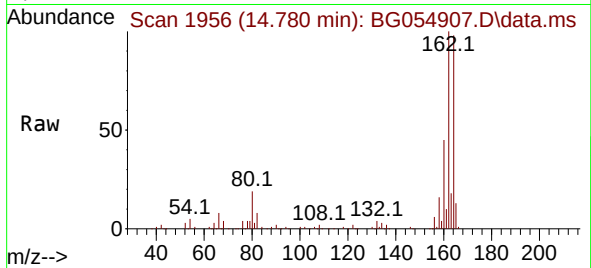




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.780 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

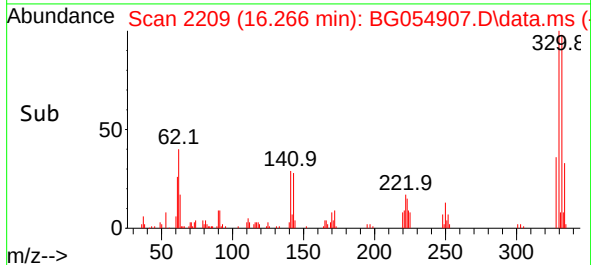
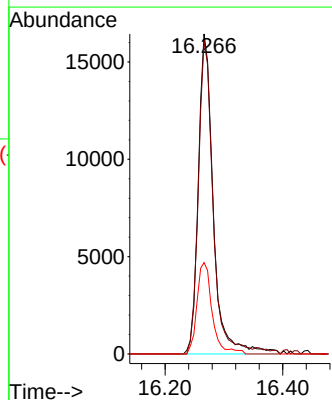
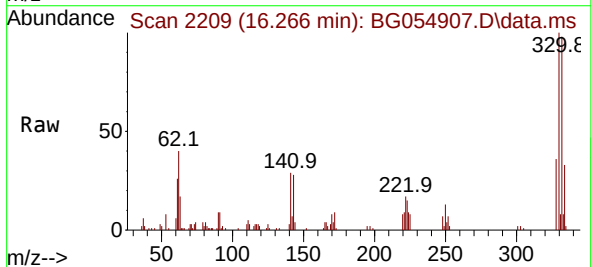
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

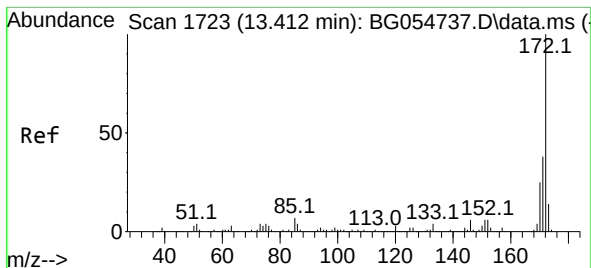
Tgt Ion:164 Resp: 130066
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.4
160 45.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 17.864 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

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

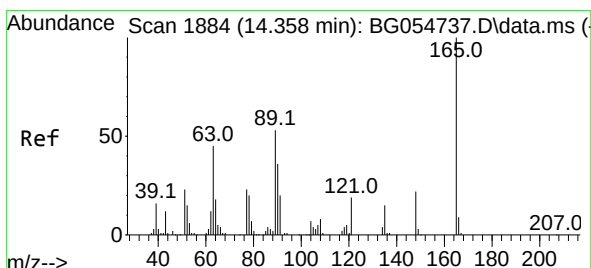
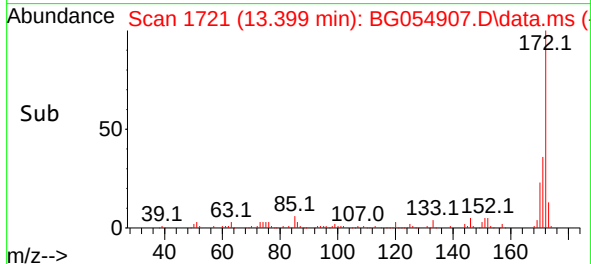
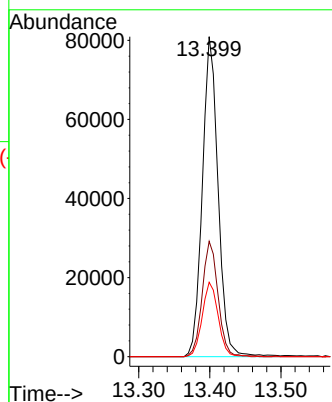
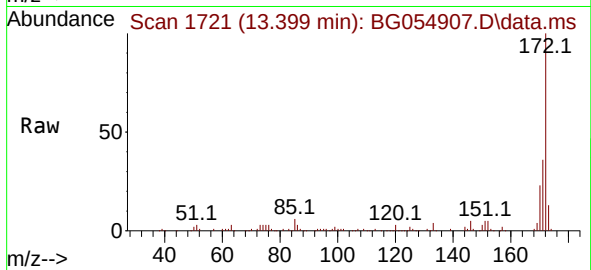




#45
2-Fluorobiphenyl
Concen: 14.458 ng
RT: 13.399 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

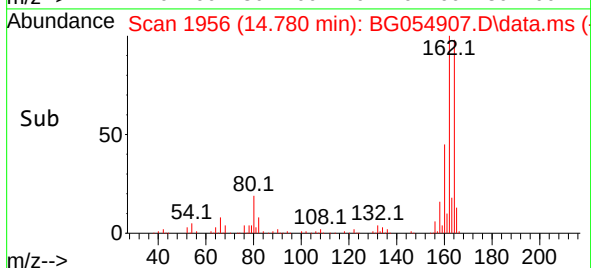
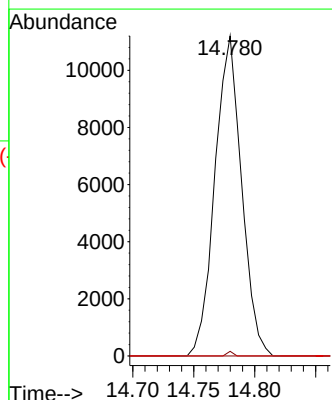
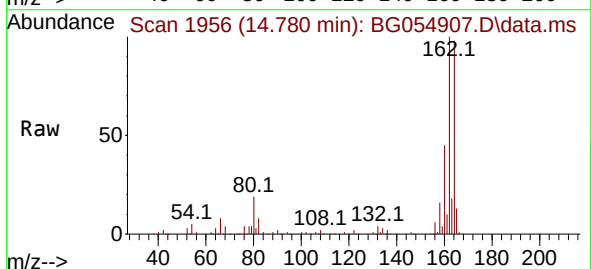
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BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

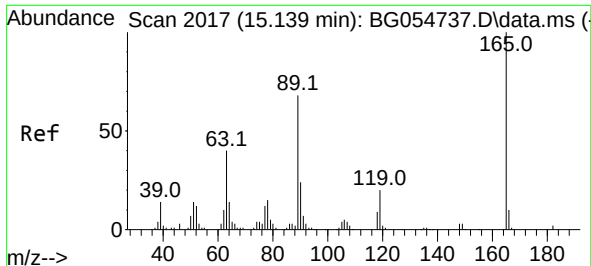
Tgt Ion:172 Resp: 125119
Ion Ratio Lower Upper
172 100
171 36.0 31.2 46.8
170 23.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.325 ng
RT: 14.780 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

Tgt Ion:165 Resp: 17063
Ion Ratio Lower Upper
165 100
63 1.5 46.0 69.0#
89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 6.019 ng

RT: 14.780 min Scan# 1956

Delta R.T. -0.364 min

Lab File: BG054907.D

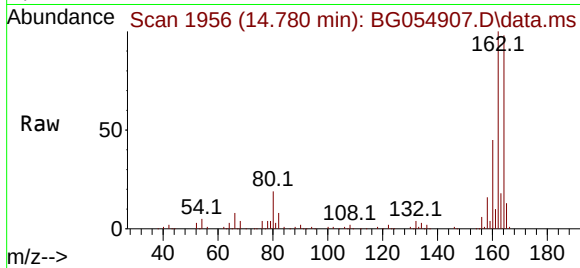
Acq: 9 Sep 2022 21:57

Instrument :

BNA_G

ClientSampleId :

MBD-SB-1-2-0-5



Tgt Ion:165 Resp: 17063

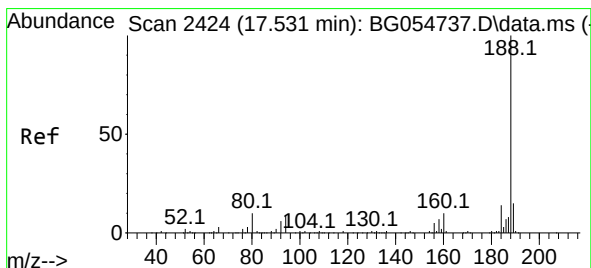
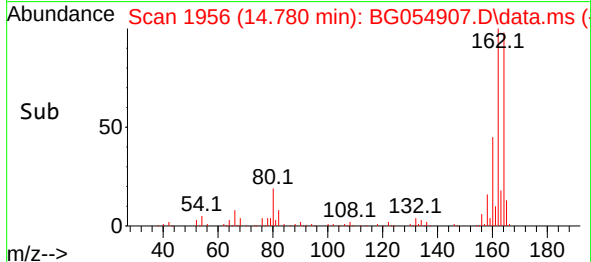
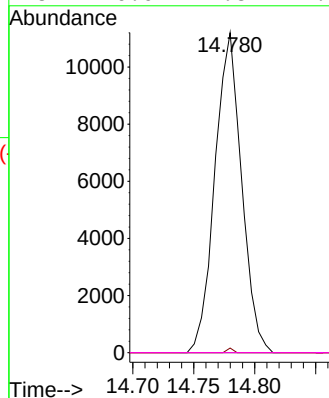
Ion Ratio Lower Upper

165 100

63 1.5 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. -0.006 min

Lab File: BG054907.D

Acq: 9 Sep 2022 21:57

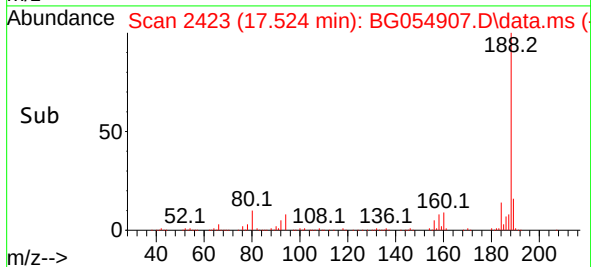
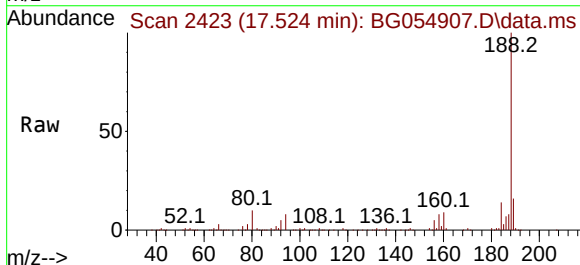
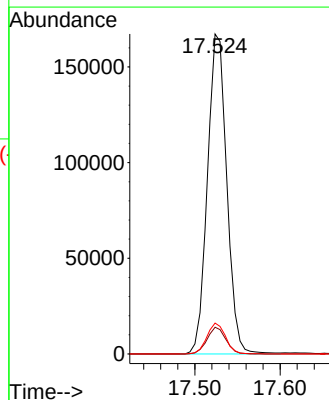
Tgt Ion:188 Resp: 263938

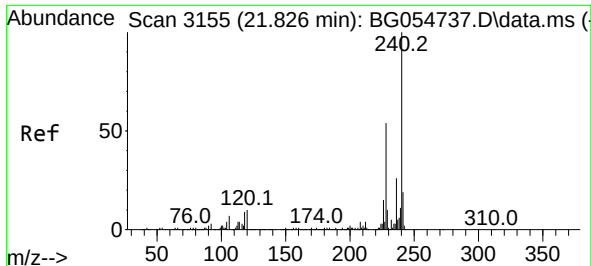
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.7 7.9 11.9

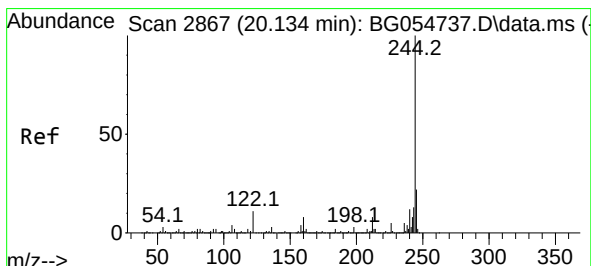
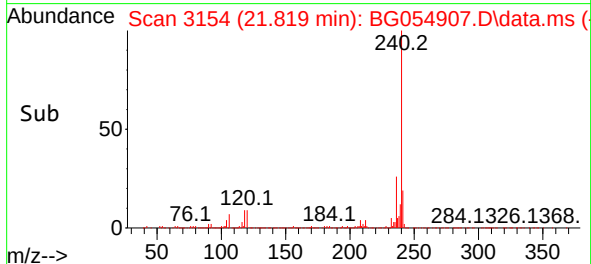
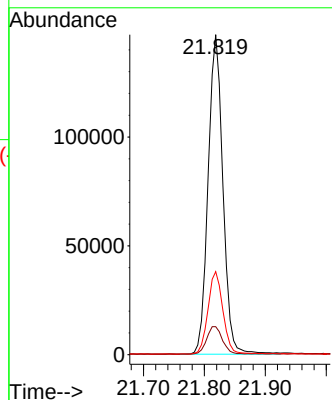
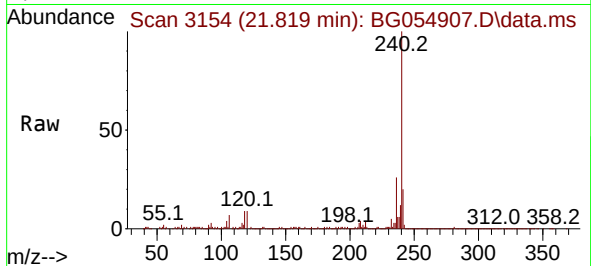




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3155
Delta R.T. -0.006 min
Lab File: BG054907.D
Acq: 9 Sep 2022 21:57

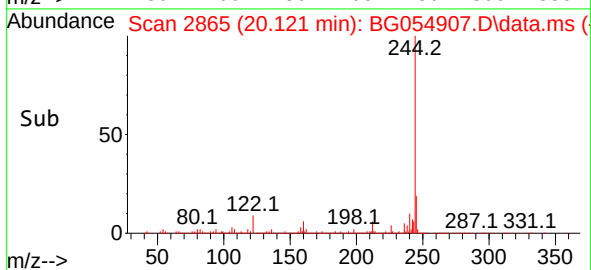
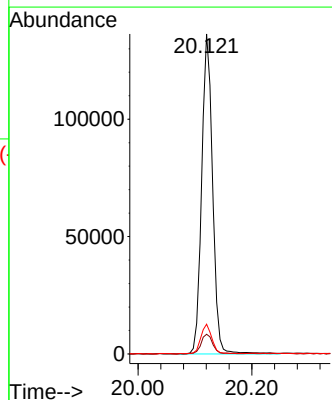
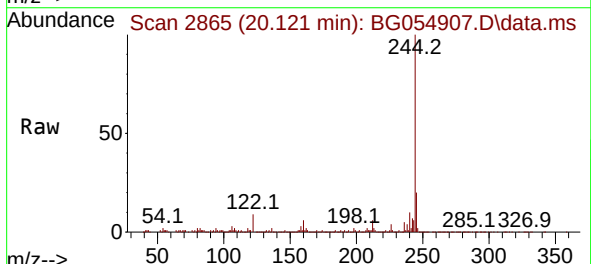
Instrument :
BNA_G
ClientSampleId :
MBD-SB-1-2-0-5

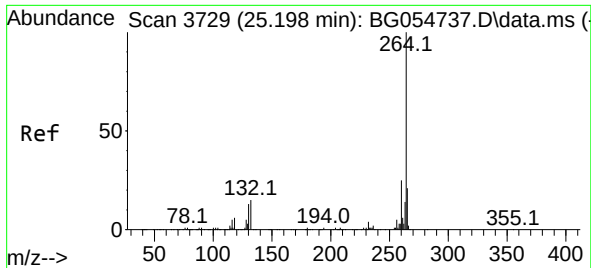
Tgt Ion:240 Resp: 247792
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.4
236 26.0 21.2 31.8



#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

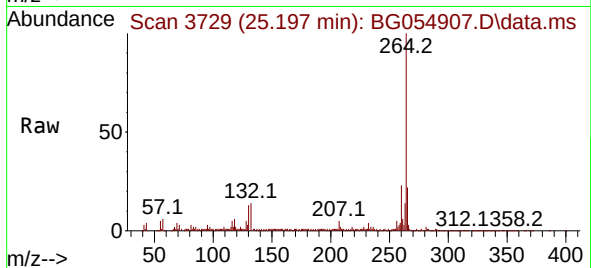
Tgt Ion:244 Resp: 182320
Ion Ratio Lower Upper
244 100
212 6.2 6.2 9.2#
122 9.3 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.197 min Scan# 31
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:264 Resp: 261988

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.9	29.9
265	21.6	16.9	25.3

