

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090922\
 Data File : BG054901.D
 Acq On : 9 Sep 2022 17:42
 Operator : CG/JU
 Sample : N4528-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-12

Quant Time: Sep 10 01:59:52 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	8.145	152	30308	20.000	ng	0.00
21) Naphthalene-d8	10.971	136	124140	20.000	ng	0.00
39) Acenaphthene-d10	14.778	164	92147	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	238003	20.000	ng	0.00
76) Chrysene-d12	21.817	240	246042	20.000	ng	0.00
86) Perylene-d12	25.195	264	255422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.683	112	235430	135.267	ng	0.00
7) Phenol-d6	7.298	99	292742	122.988	ng	0.00
23) Nitrobenzene-d5	9.320	82	200886	84.951	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	185724	161.298	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	533108	86.956	ng	0.00
79) Terphenyl-d14	20.125	244	1169906	94.213	ng	0.00

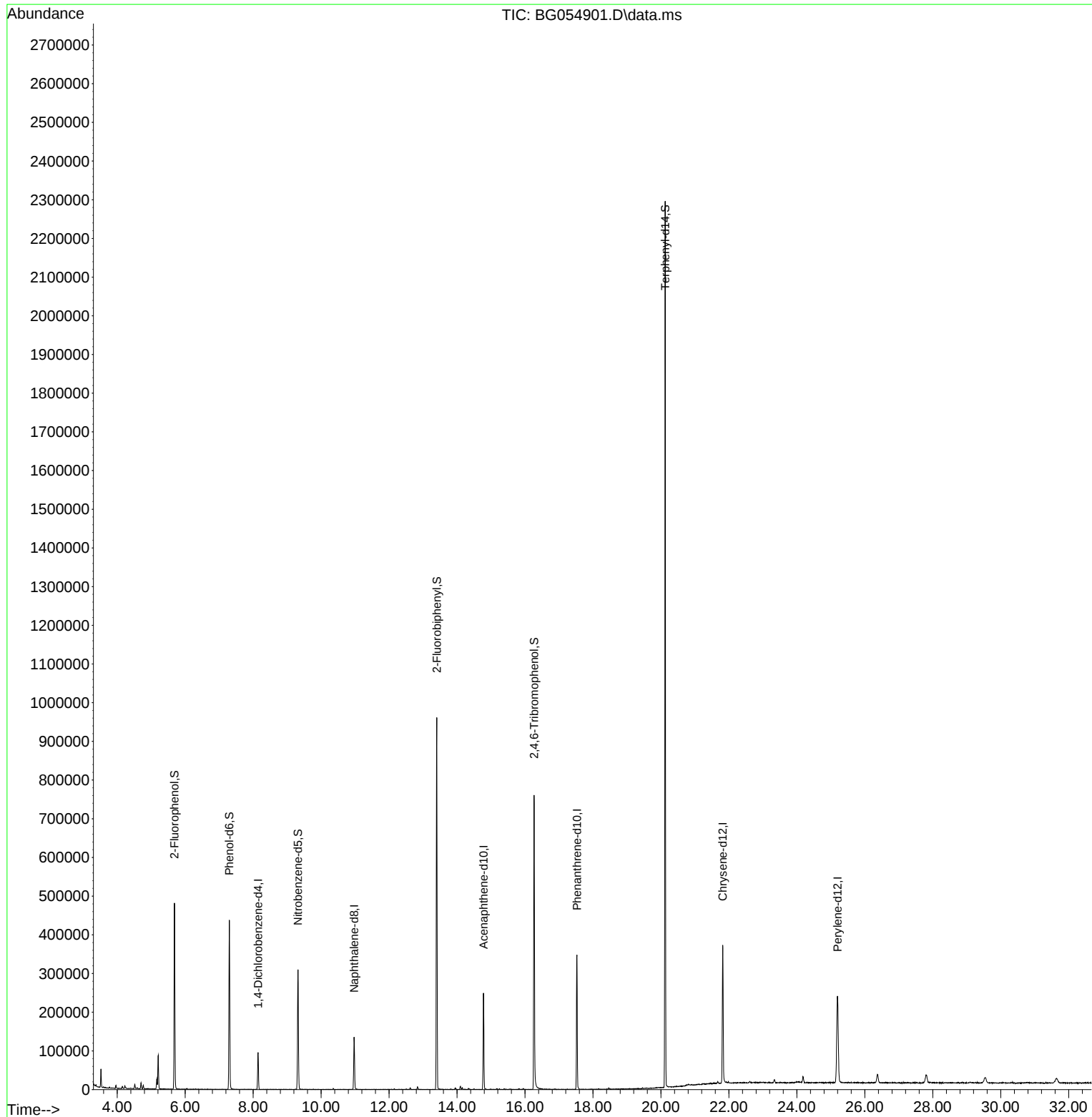
Target Compounds Qvalue

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

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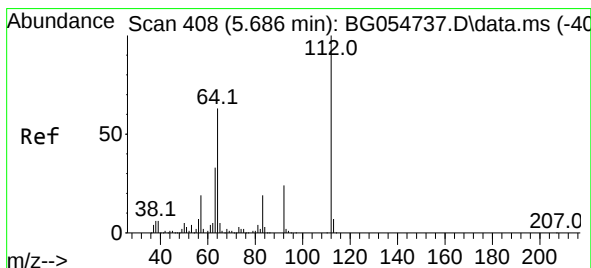
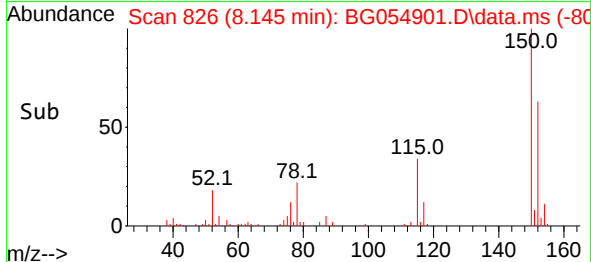
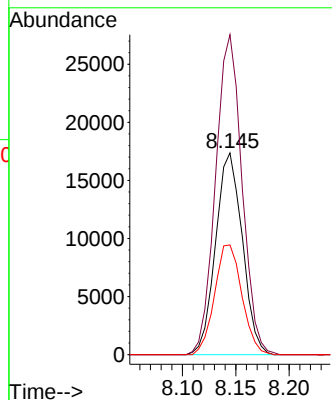
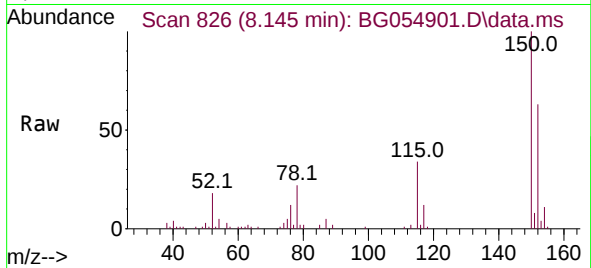




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

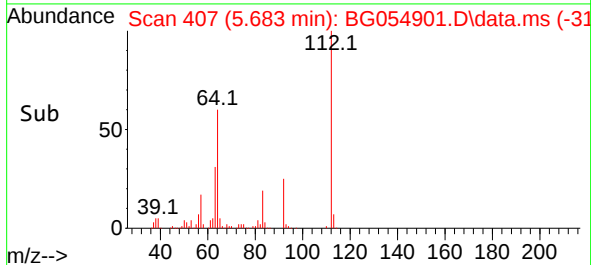
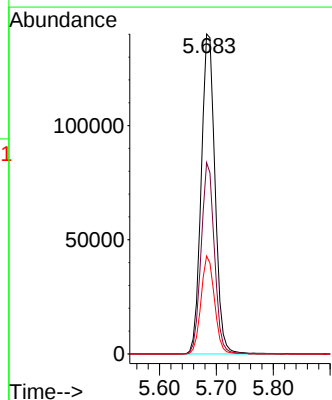
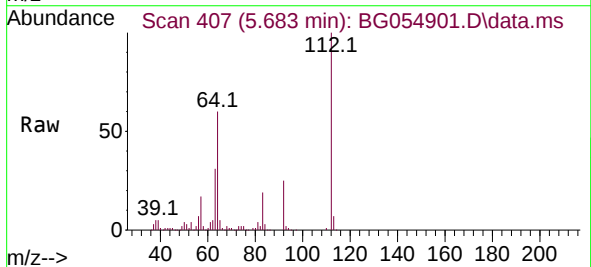
Instrument :
BNA_G
ClientSampleId :
PIT-12

Tgt Ion:152 Resp: 30308
Ion Ratio Lower Upper
152 100
150 158.6 125.2 187.8
115 54.4 47.9 71.9



#5
2-Fluorophenol
Concen: 135.267 ng
RT: 5.683 min Scan# 407
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:112 Resp: 235430
Ion Ratio Lower Upper
112 100
64 59.8 49.3 73.9
63 30.6 26.3 39.5

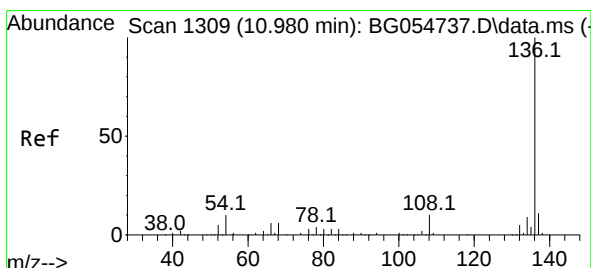
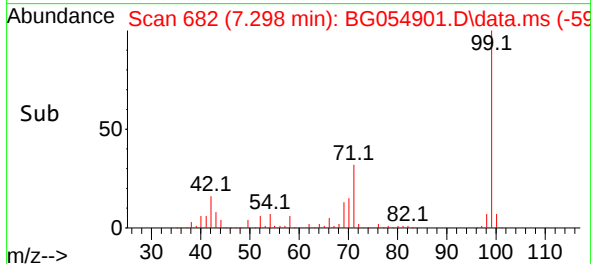
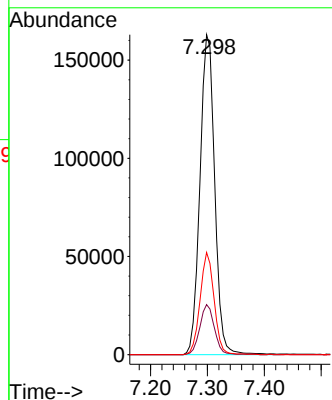
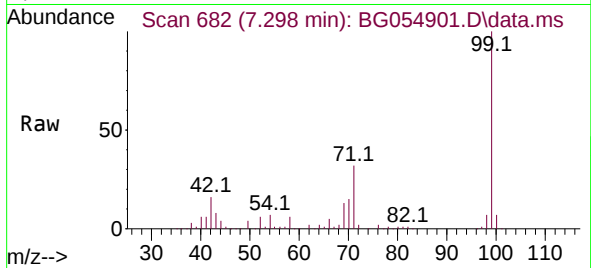




#7
Phenol-d6
Concen: 122.988 ng
RT: 7.298 min Scan# 682
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

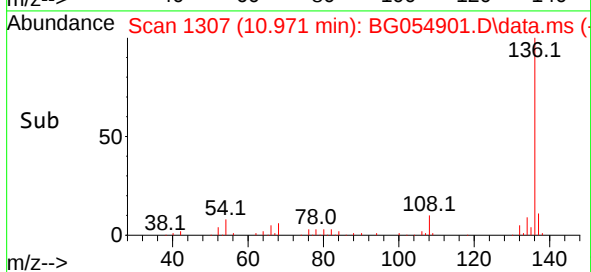
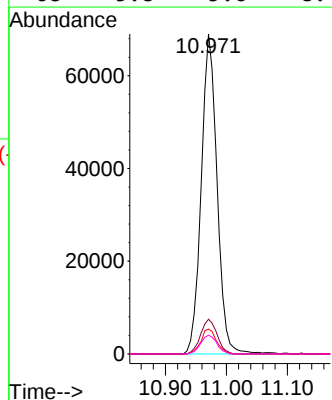
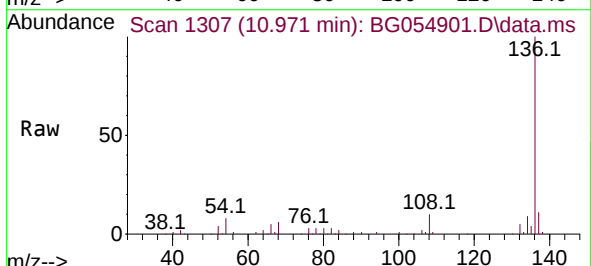
Instrument :
BNA_G
ClientSampleId :
PIT-12

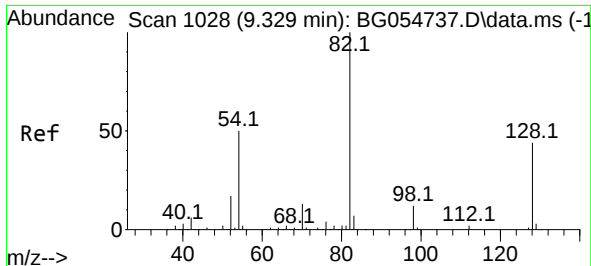
Tgt Ion: 99 Resp: 292742
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 31.9 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.971 min Scan# 1307
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:136 Resp: 124140
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.7 7.7 11.5
68 5.8 5.6 8.4





#23

Nitrobenzene-d5

Concen: 84.951 ng

RT: 9.320 min Scan# 1026

Delta R.T. -0.002 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

Instrument :

BNA_G

ClientSampleId :

PIT-12

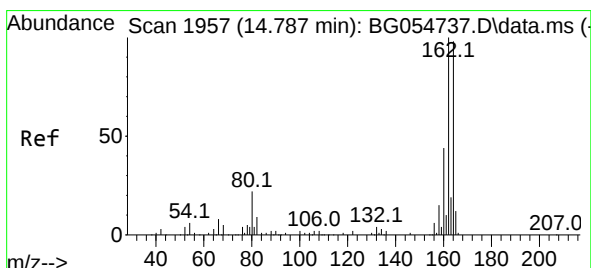
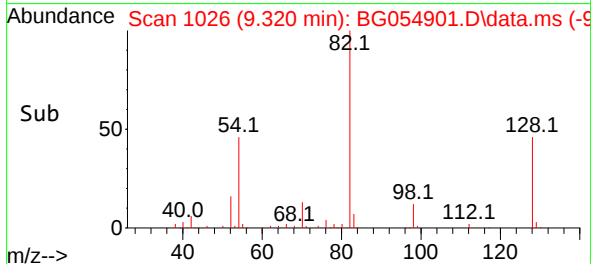
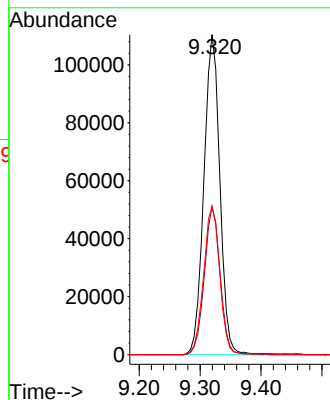
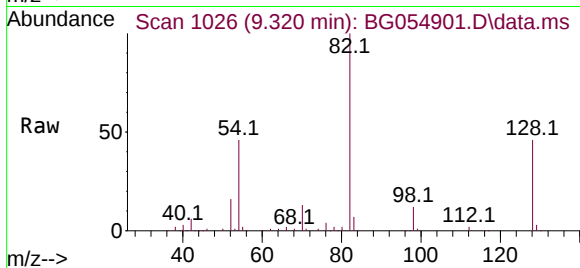
Tgt Ion: 82 Resp: 200886

Ion Ratio Lower Upper

82 100

128 46.2 32.2 48.2

54 46.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.778 min Scan# 1955

Delta R.T. -0.002 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

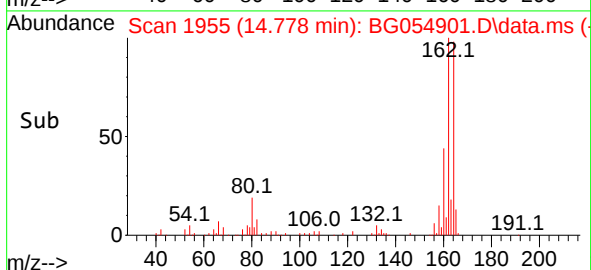
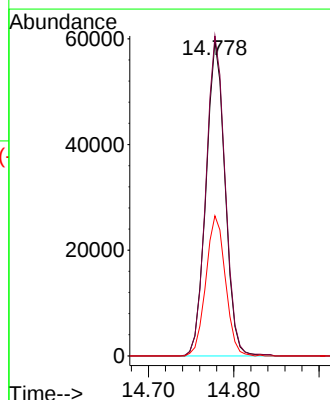
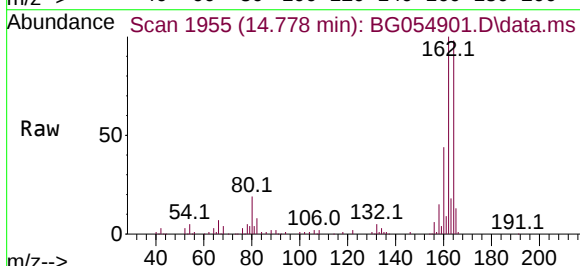
Tgt Ion:164 Resp: 92147

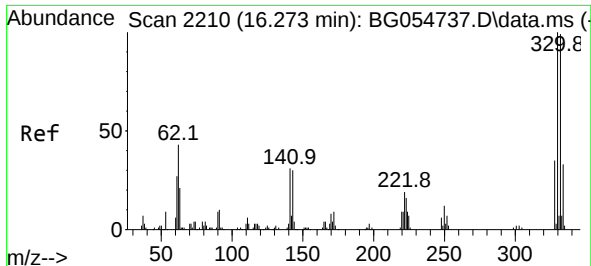
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 44.5 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 161.298 ng

RT: 16.270 min Scan# 2210

Delta R.T. -0.002 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

Instrument :

BNA_G

ClientSampleId :

PIT-12

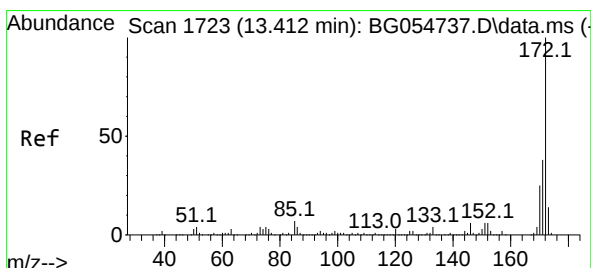
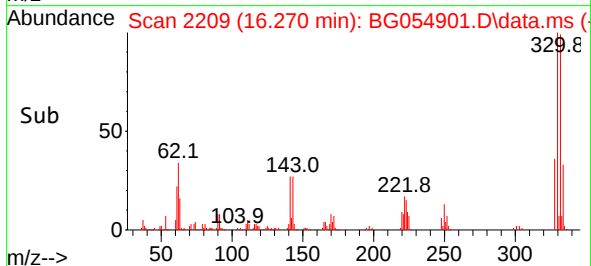
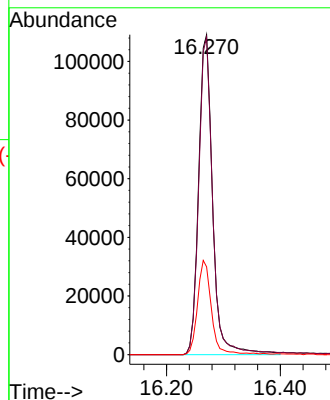
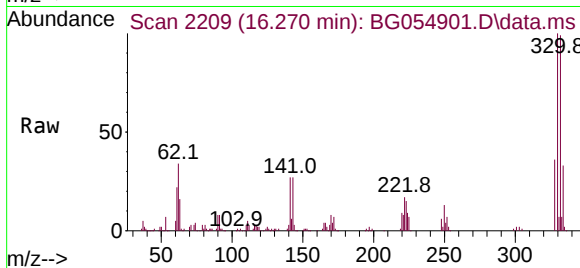
Tgt Ion:330 Resp: 185724

Ion Ratio Lower Upper

330 100

332 99.8 79.8 119.6

141 28.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 86.956 ng

RT: 13.403 min Scan# 1721

Delta R.T. -0.002 min

Lab File: BG054901.D

Acq: 9 Sep 2022 17:42

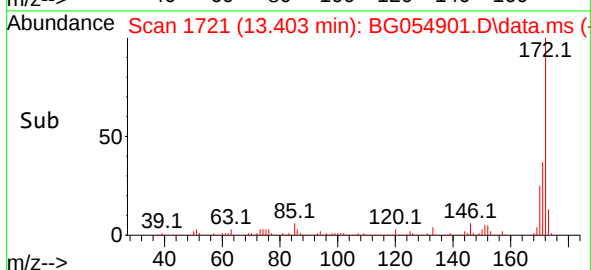
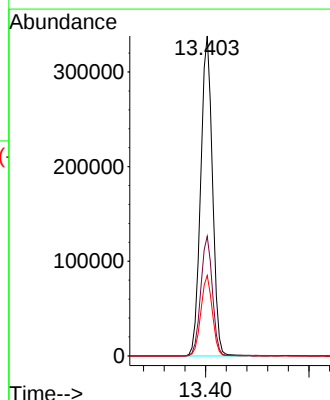
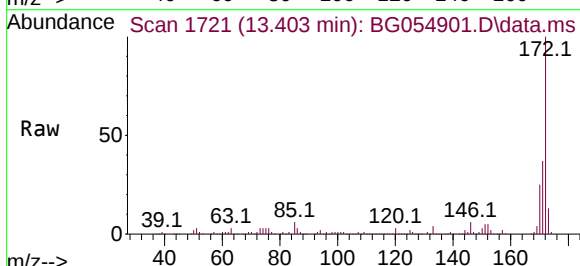
Tgt Ion:172 Resp: 533108

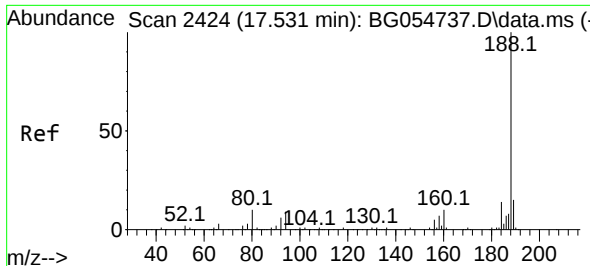
Ion Ratio Lower Upper

172 100

171 37.4 31.2 46.8

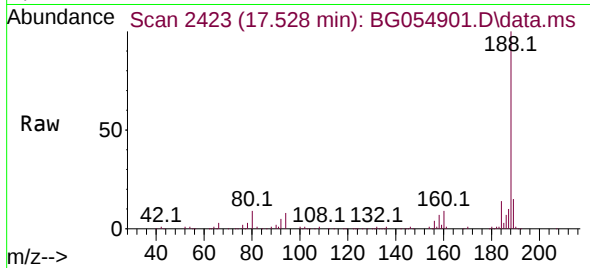
170 25.1 20.6 30.8



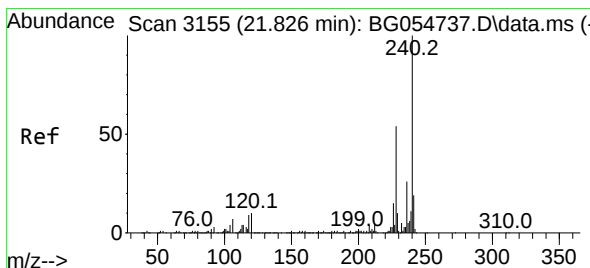
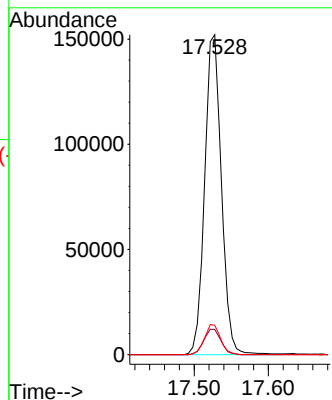
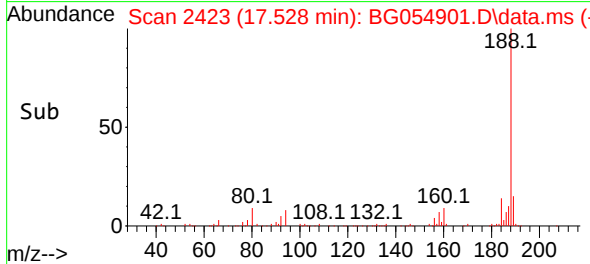


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Instrument :
BNA_G
ClientSampleId :
PIT-12

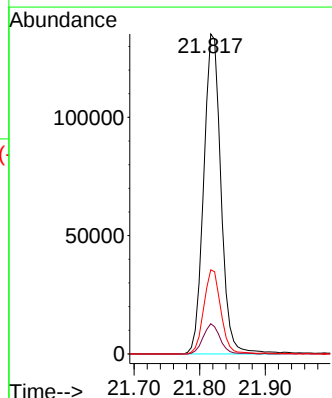
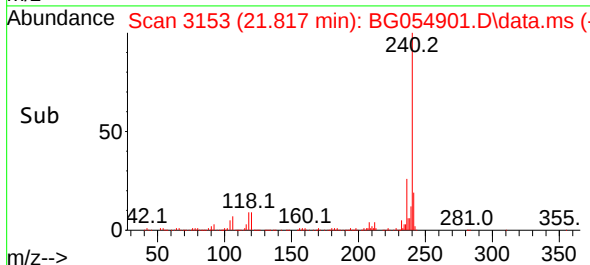
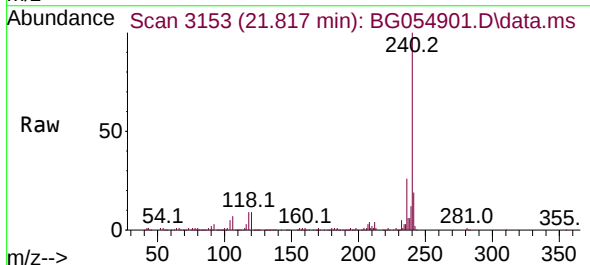


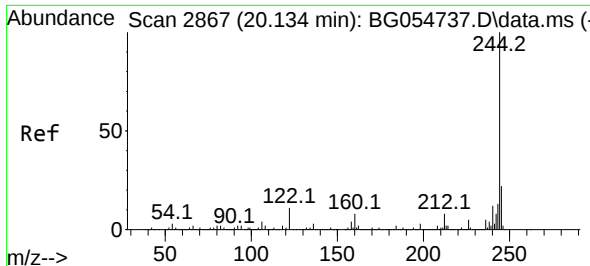
Tgt Ion:188 Resp: 238003
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.4
80 9.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.817 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BG054901.D
Acq: 9 Sep 2022 17:42

Tgt Ion:240 Resp: 246042
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.3 21.2 31.8

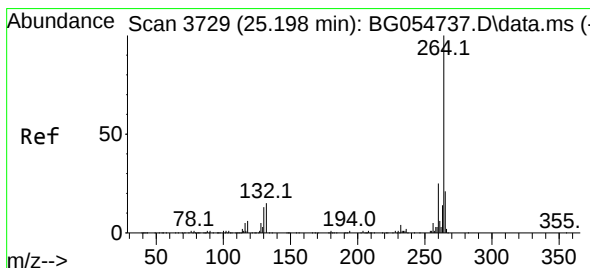
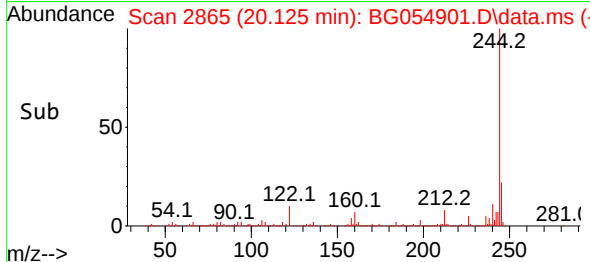
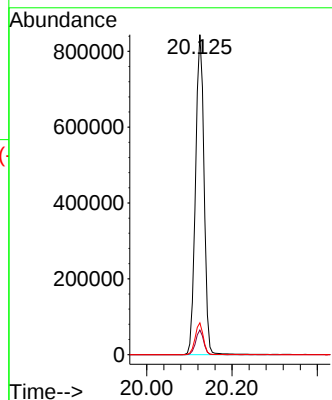
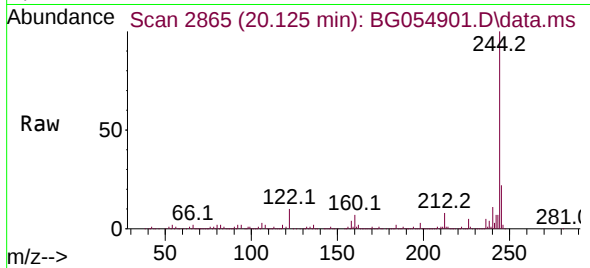




#79
 Terphenyl-d14
 Concen: 94.213 ng
 RT: 20.125 min Scan# 2865
 Delta R.T. -0.002 min
 Lab File: BG054901.D
 Acq: 9 Sep 2022 17:42

Instrument :
 BNA_G
 ClientSampleId :
 PIT-12

Tgt Ion:244 Resp: 1169906
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 9.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.195 min Scan# 3728
 Delta R.T. -0.007 min
 Lab File: BG054901.D
 Acq: 9 Sep 2022 17:42

Tgt Ion:264 Resp: 255422
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 22.4 16.9 25.3

