

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054854.D
 Acq On : 6 Sep 2022 16:24
 Operator : CG/JU
 Sample : PB147406BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BL

Quant Time: Sep 07 04:56:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	45159	20.000	ng	0.00
21) Naphthalene-d8	10.977	136	183455	20.000	ng	# 0.00
39) Acenaphthene-d10	14.778	164	126587	20.000	ng	0.00
64) Phenanthrene-d10	17.528	188	304526	20.000	ng	0.00
76) Chrysene-d12	21.817	240	301072	20.000	ng	0.00
86) Perylene-d12	25.189	264	307602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	382455	147.477	ng	0.00
7) Phenol-d6	7.298	99	500556	141.138	ng	0.00
23) Nitrobenzene-d5	9.320	82	305390	87.389	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	227503	143.827	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	762563	90.542	ng	0.00
79) Terphenyl-d14	20.125	244	1403102	92.340	ng	0.00

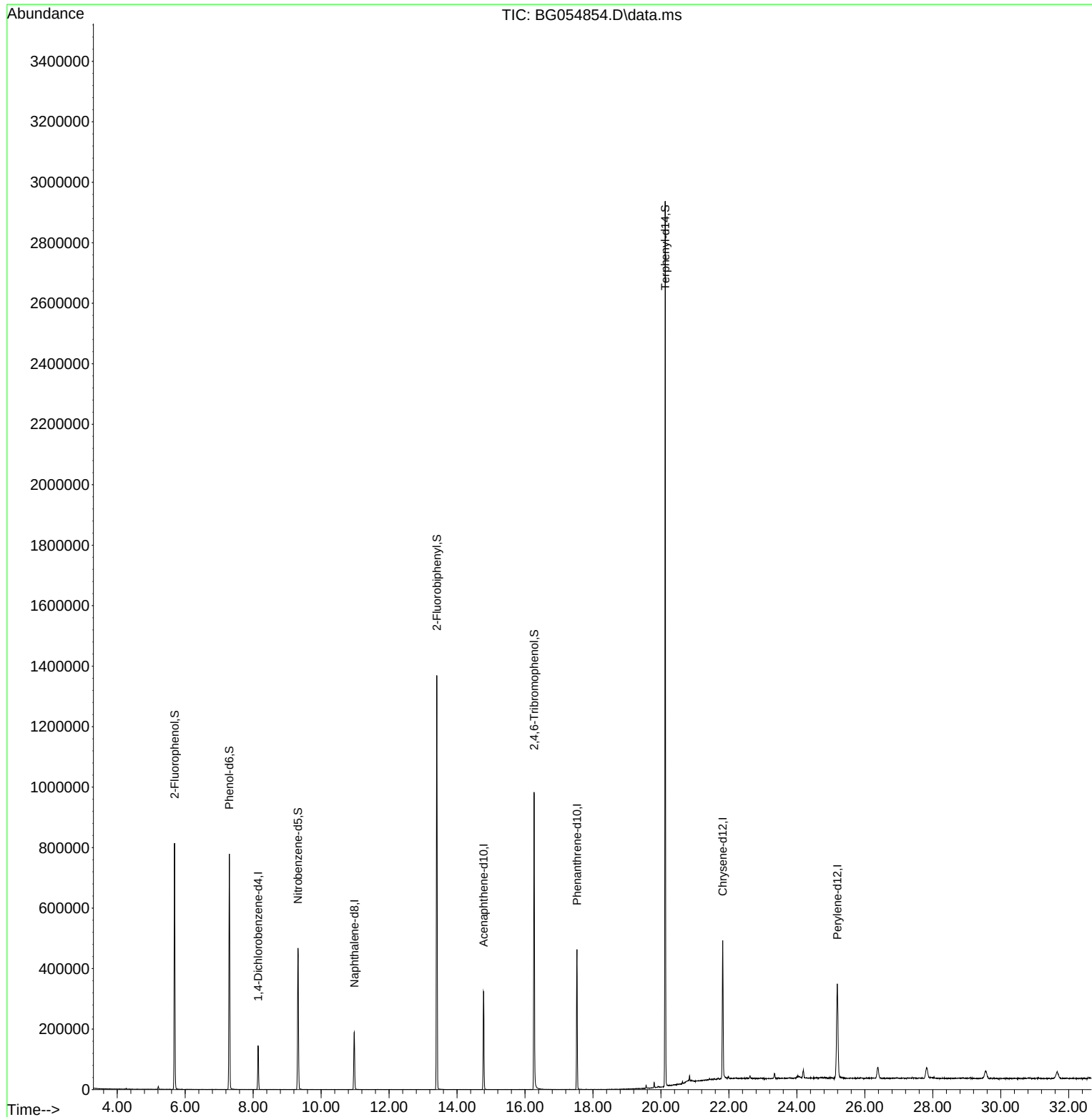
Target Compounds	Qvalue

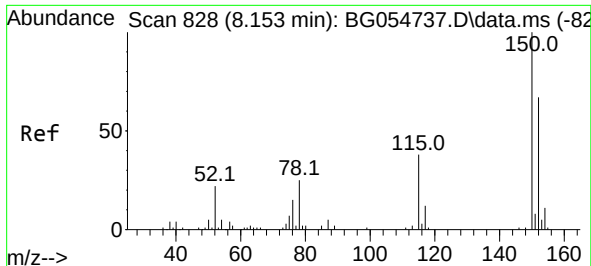
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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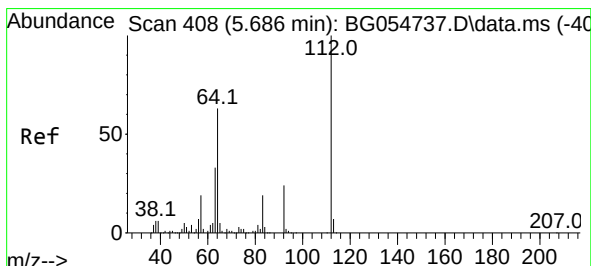
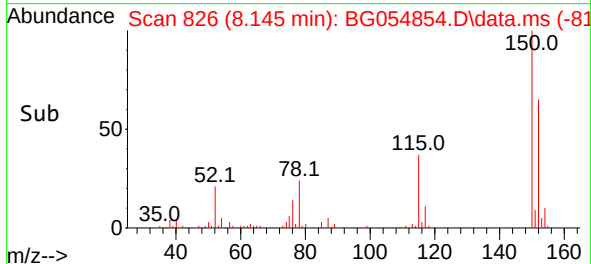
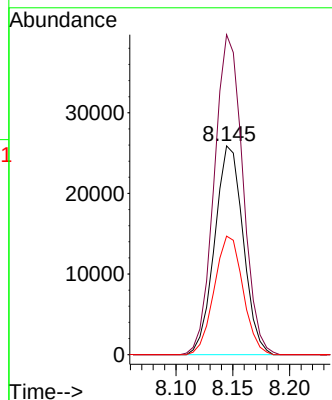
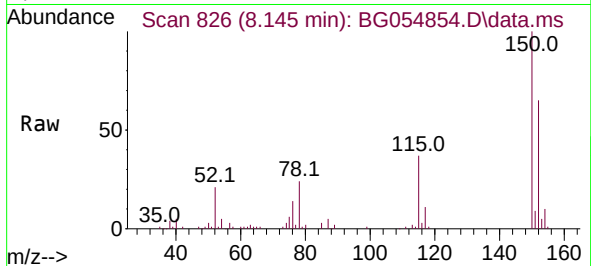




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

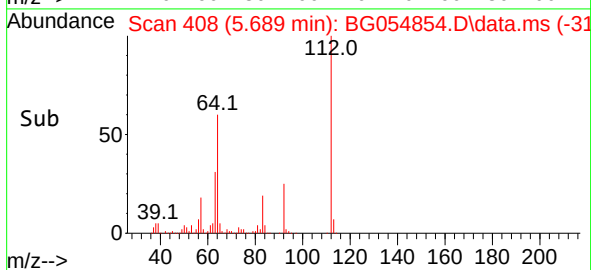
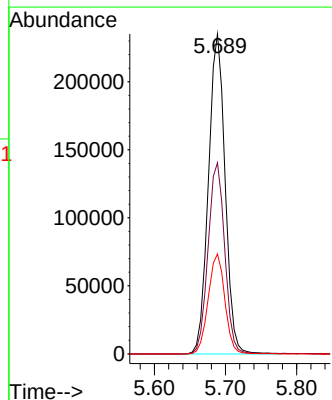
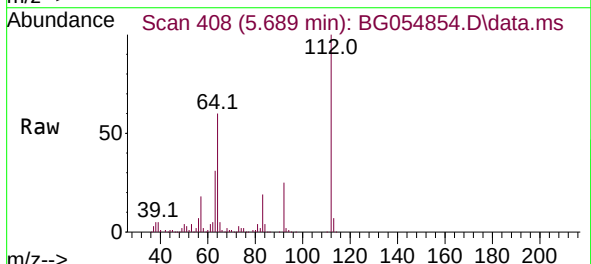
Instrument :
BNA_G
ClientSampleId :
PB147406BL

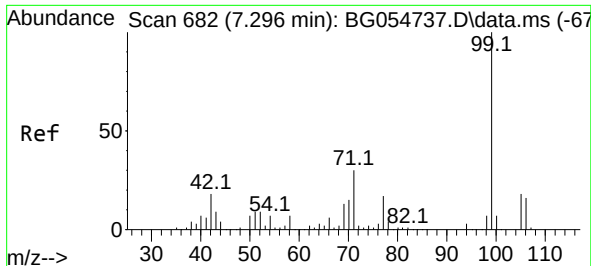
Tgt Ion:152 Resp: 45159
Ion Ratio Lower Upper
152 100
150 153.3 125.2 187.8
115 56.7 47.9 71.9



#5
2-Fluorophenol
Concen: 147.477 ng
RT: 5.689 min Scan# 408
Delta R.T. 0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:112 Resp: 382455
Ion Ratio Lower Upper
112 100
64 59.7 49.3 73.9
63 31.2 26.3 39.5

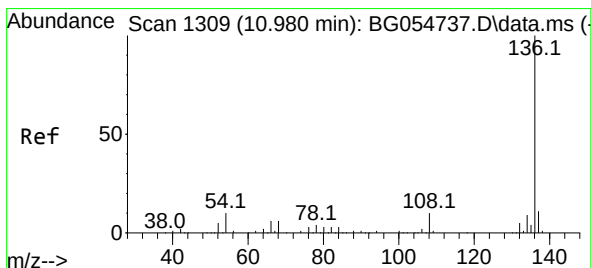
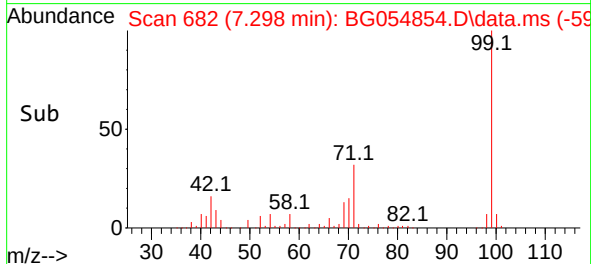
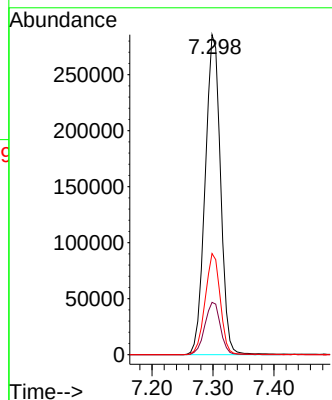
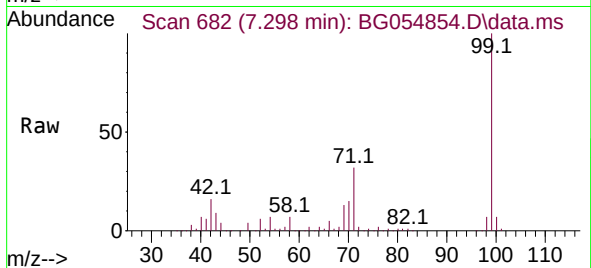




#7
Phenol-d6
Concen: 141.138 ng
RT: 7.298 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

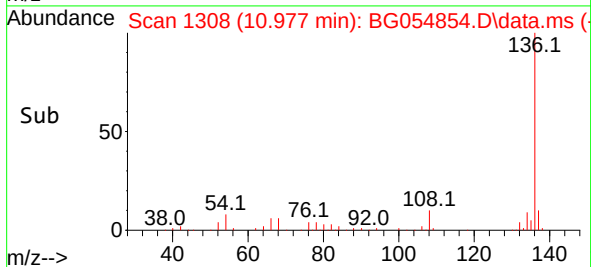
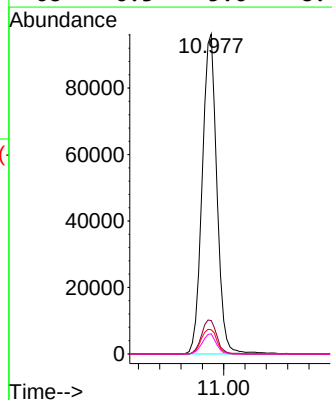
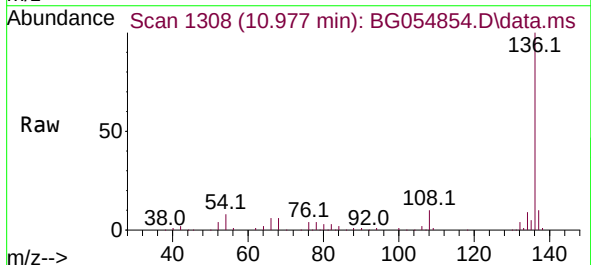
Instrument :
BNA_G
ClientSampleId :
PB147406BL

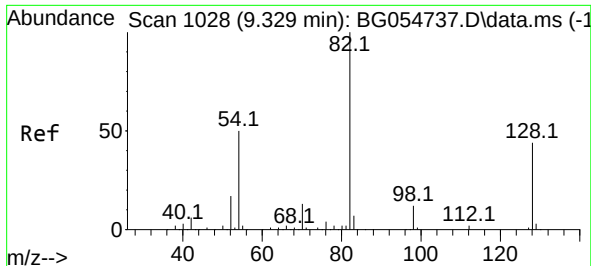
Tgt Ion: 99 Resp: 500556
Ion Ratio Lower Upper
99 100
42 16.3 14.6 22.0
71 31.6 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.977 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion: 136 Resp: 183455
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 7.5 7.7 11.5#
68 6.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 87.389 ng

RT: 9.320 min Scan# 1026

Delta R.T. -0.009 min

Lab File: BG054854.D

Acq: 6 Sep 2022 16:24

Instrument :

BNA_G

ClientSampleId :

PB147406BL

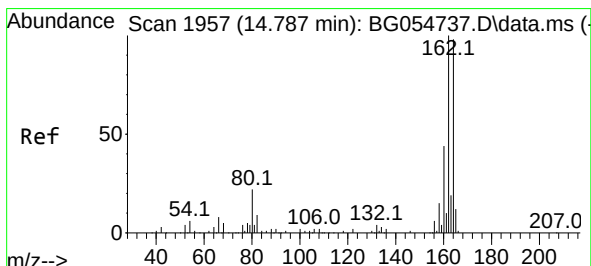
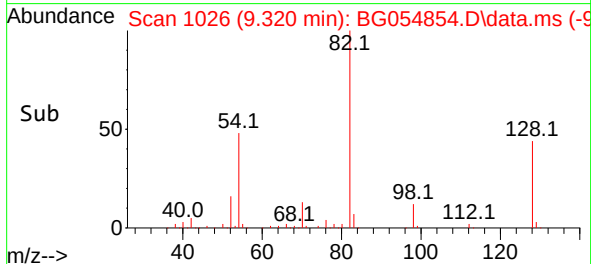
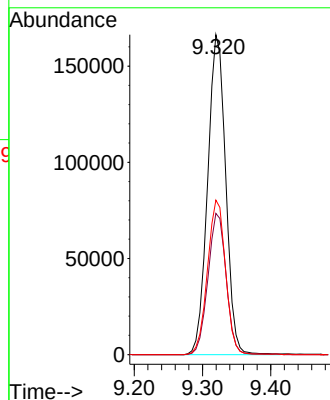
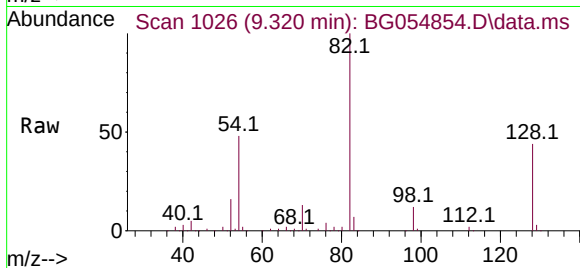
Tgt Ion: 82 Resp: 305390

Ion Ratio Lower Upper

82 100

128 44.1 32.2 48.2

54 48.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.778 min Scan# 1955

Delta R.T. -0.009 min

Lab File: BG054854.D

Acq: 6 Sep 2022 16:24

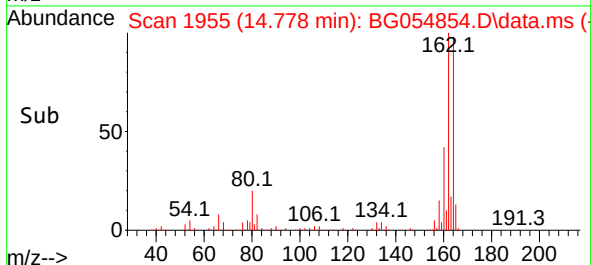
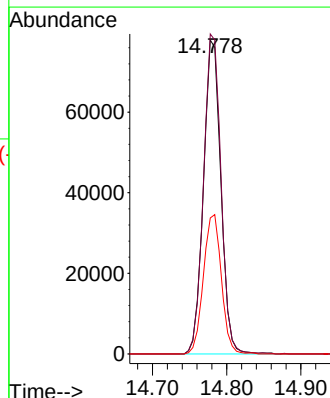
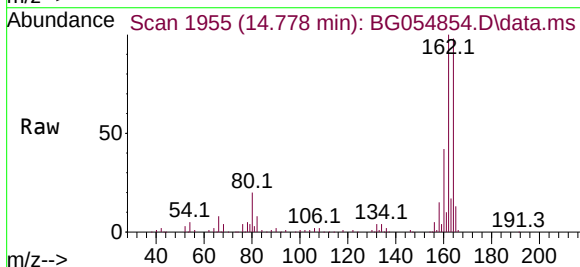
Tgt Ion:164 Resp: 126587

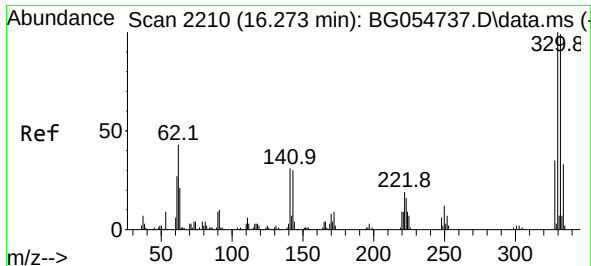
Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.4

160 43.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 143.827 ng

RT: 16.270 min Scan# 2210

Delta R.T. -0.003 min

Lab File: BG054854.D

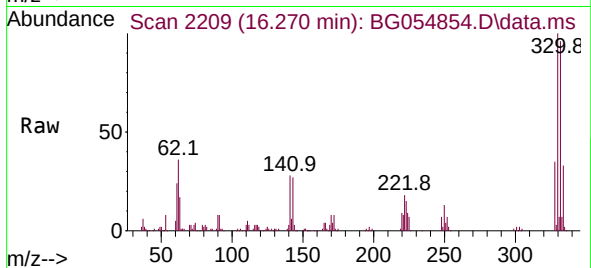
Acq: 6 Sep 2022 16:24

Instrument :

BNA_G

ClientSampleId :

PB147406BL



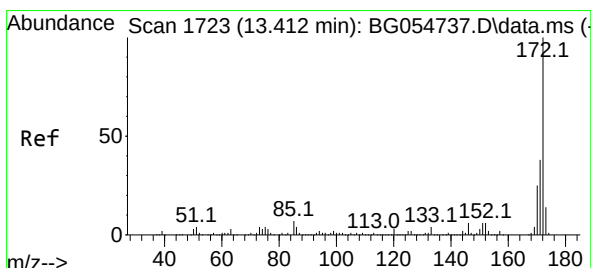
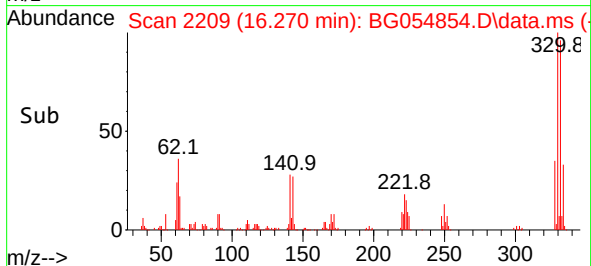
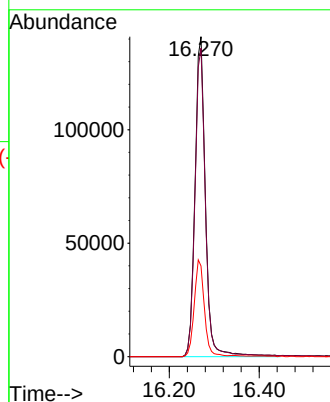
Tgt Ion:330 Resp: 227503

Ion Ratio Lower Upper

330 100

332 96.3 79.8 119.6

141 29.7 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 90.542 ng

RT: 13.403 min Scan# 1721

Delta R.T. -0.009 min

Lab File: BG054854.D

Acq: 6 Sep 2022 16:24

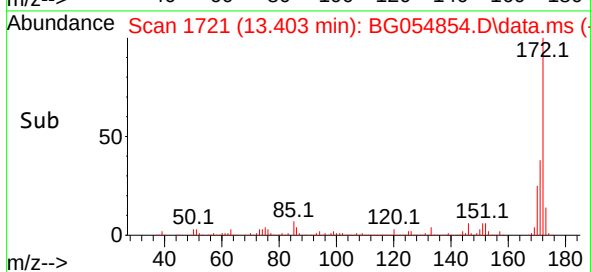
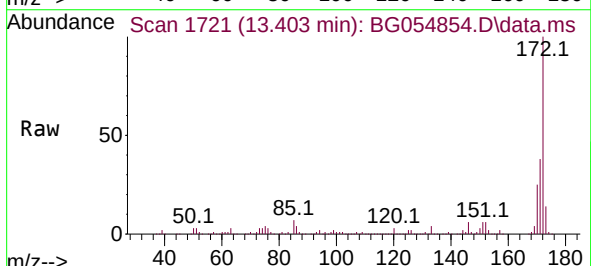
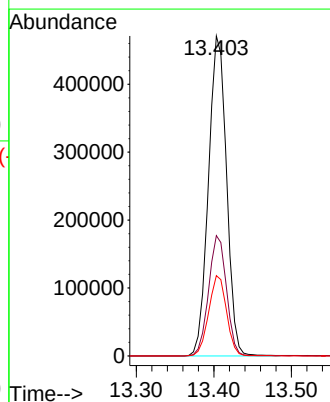
Tgt Ion:172 Resp: 762563

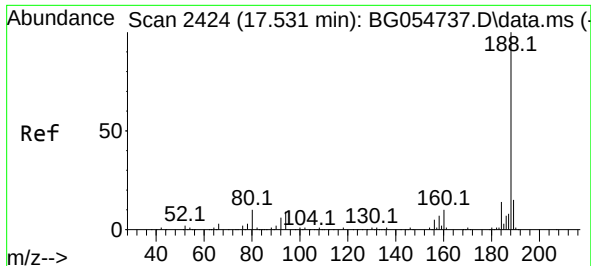
Ion Ratio Lower Upper

172 100

171 37.6 31.2 46.8

170 25.1 20.6 30.8

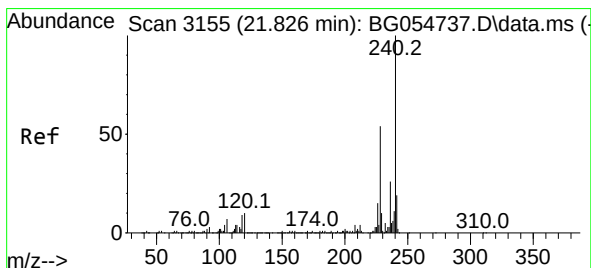
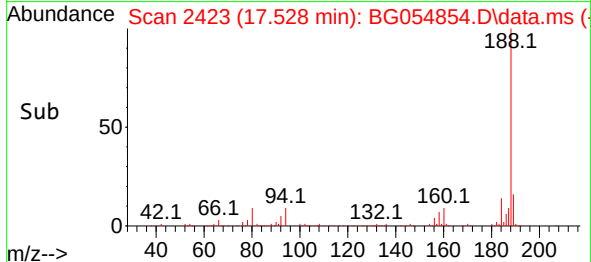
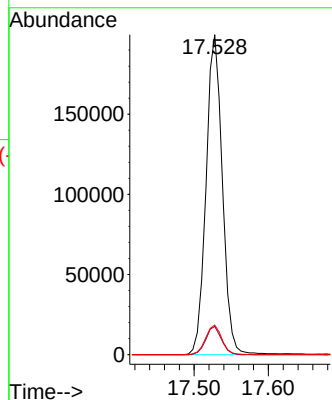
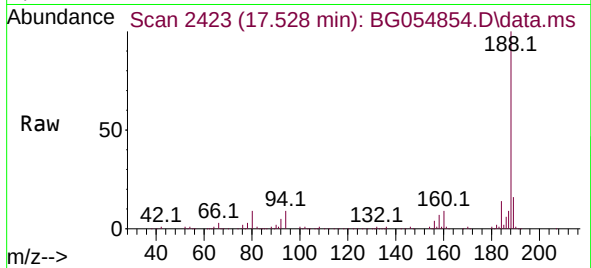




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.528 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

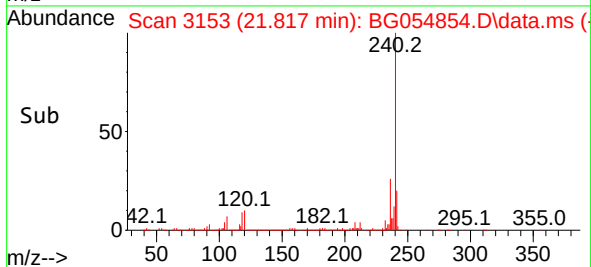
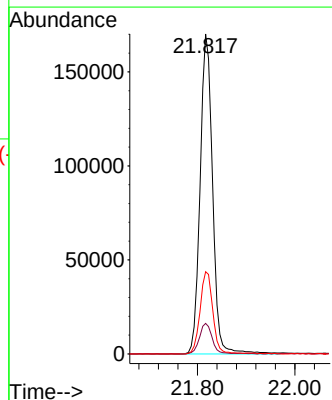
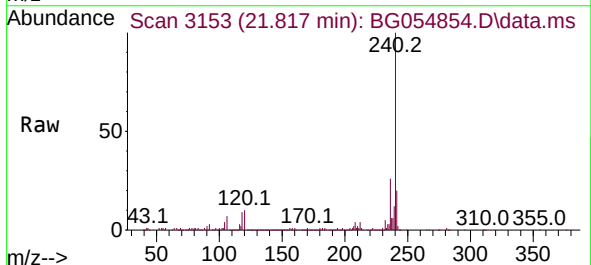
Instrument :
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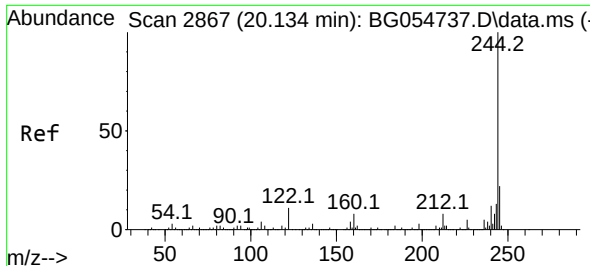
Tgt Ion:188 Resp: 304526
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.817 min Scan# 3153
Delta R.T. -0.009 min
Lab File: BG054854.D
Acq: 6 Sep 2022 16:24

Tgt Ion:240 Resp: 301072
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 25.7 21.2 31.8

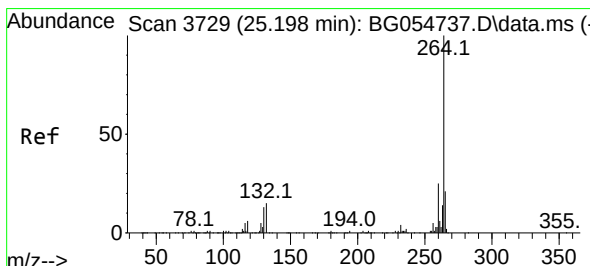
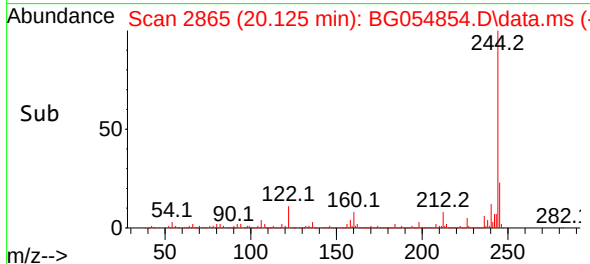
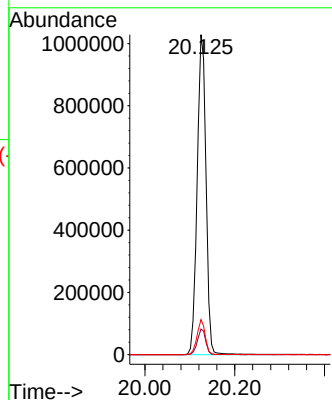
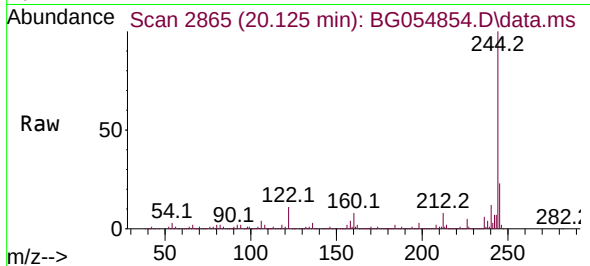




#79
 Terphenyl-d14
 Concen: 92.340 ng
 RT: 20.125 min Scan# 2865
 Delta R.T. -0.009 min
 Lab File: BG054854.D
 Acq: 6 Sep 2022 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB147406BL

Tgt Ion:244 Resp: 1403102
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 10.9 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.189 min Scan# 3727
 Delta R.T. -0.009 min
 Lab File: BG054854.D
 Acq: 6 Sep 2022 16:24

Tgt Ion:264 Resp: 307602
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.9 29.9
 265 22.0 16.9 25.3

