

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054793.D
 Acq On : 30 Aug 2022 17:18
 Operator : CG/JU
 Sample : N4375-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Aug 31 02:08:01 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	8.153	152	42230	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	169782	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	116095	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	272772	20.000	ng	0.00
76) Chrysene-d12	21.819	240	275793	20.000	ng	0.00
86) Perylene-d12	25.186	264	283400	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	337774	139.282	ng	0.00
7) Phenol-d6	7.295	99	420072	126.659	ng	0.00
23) Nitrobenzene-d5	9.322	82	300518	92.920	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	222021	153.046	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	720896	93.330	ng	0.00
79) Terphenyl-d14	20.127	244	1326339	95.289	ng	0.00

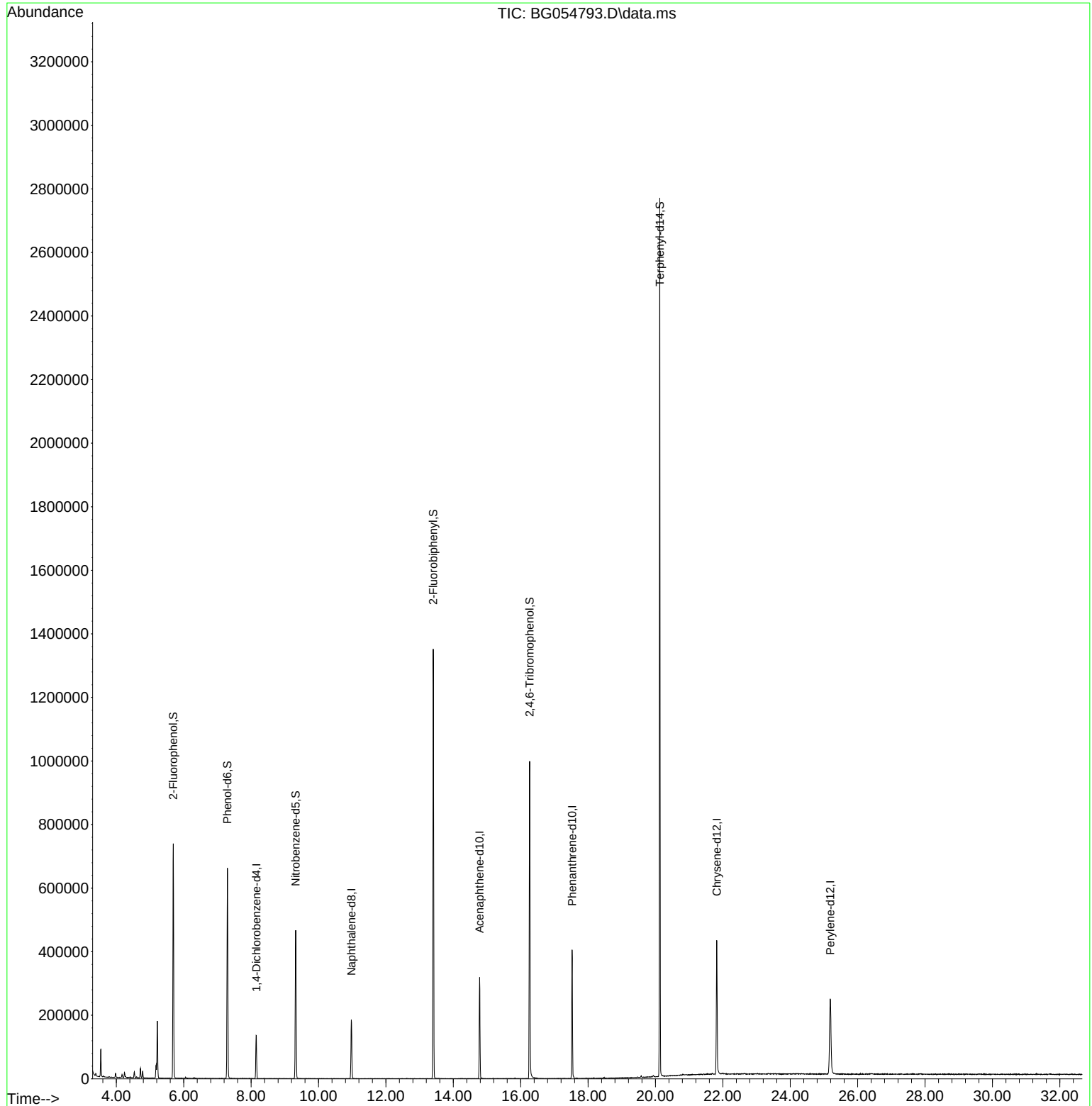
Target Compounds Qvalue

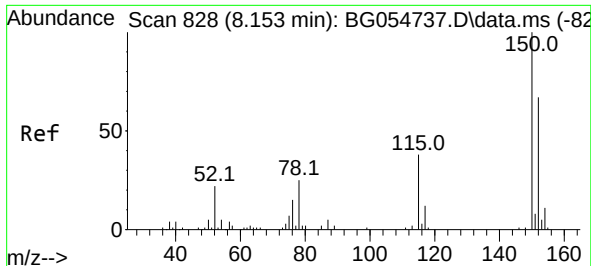
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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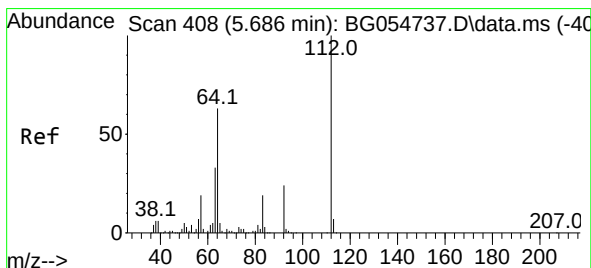
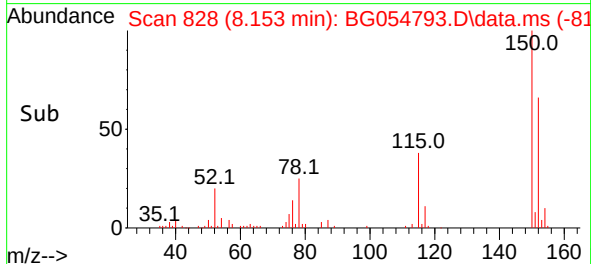
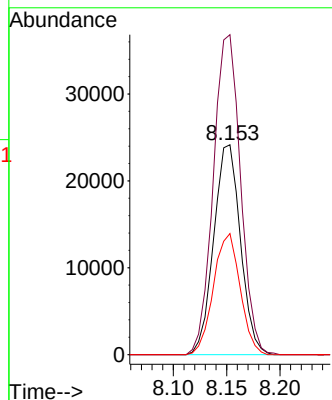
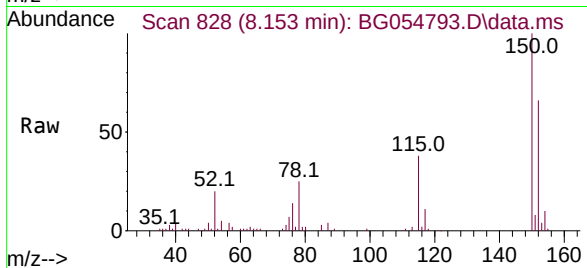




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

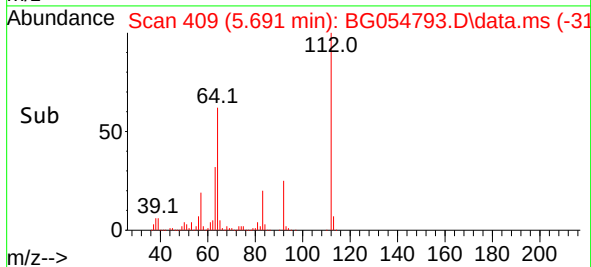
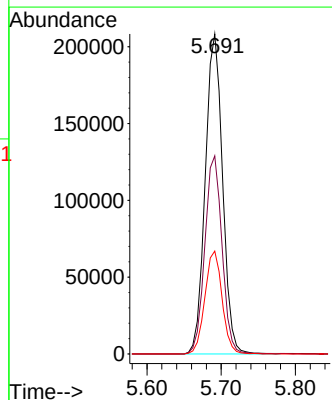
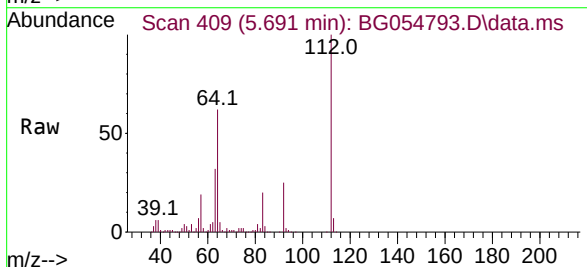
Instrument :
BNA_G
ClientSampleId :
WC-3

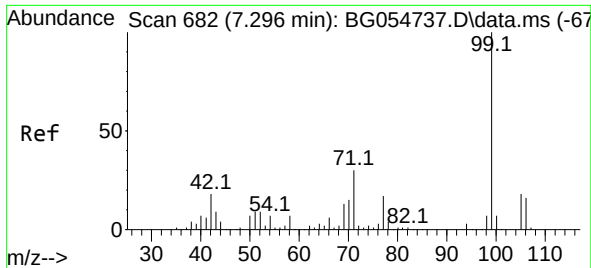
Tgt Ion:152 Resp: 42230
Ion Ratio Lower Upper
152 100
150 152.5 125.2 187.8
115 57.7 47.9 71.9



#5
2-Fluorophenol
Concen: 139.282 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.005 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:112 Resp: 337774
Ion Ratio Lower Upper
112 100
64 61.9 49.3 73.9
63 32.1 26.3 39.5

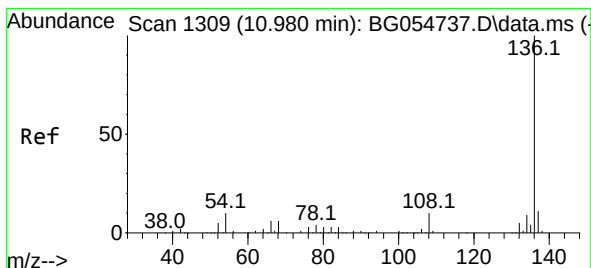
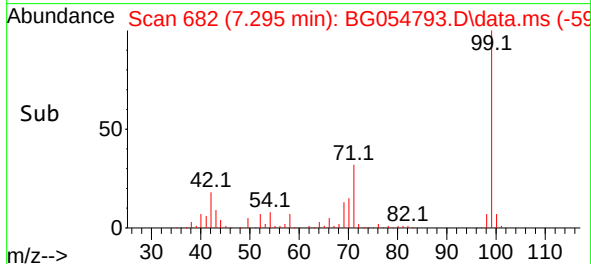
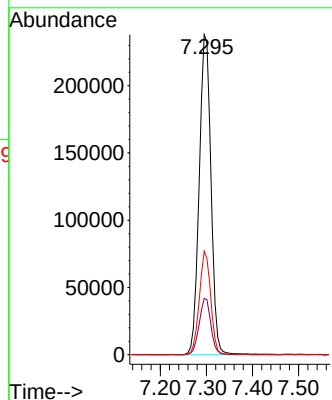
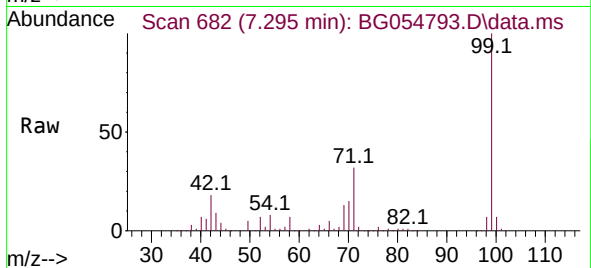




#7
Phenol-d6
Concen: 126.659 ng
RT: 7.295 min Scan# 682
Delta R.T. -0.000 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

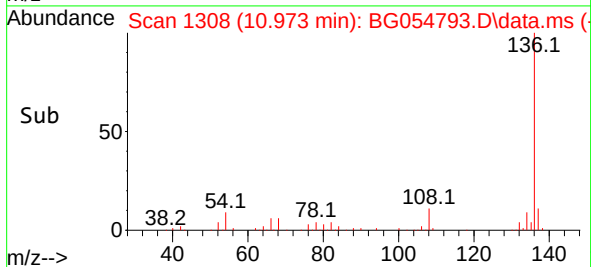
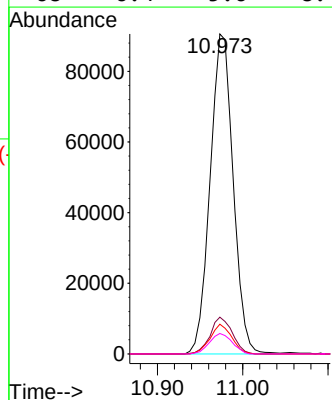
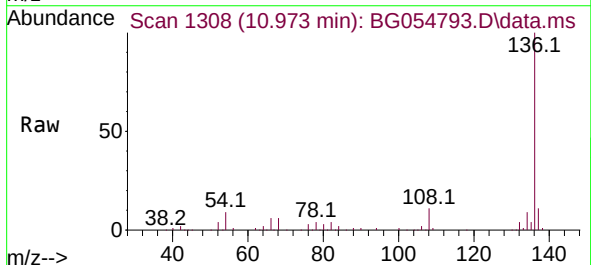
Instrument :
BNA_G
ClientSampleId :
WC-3

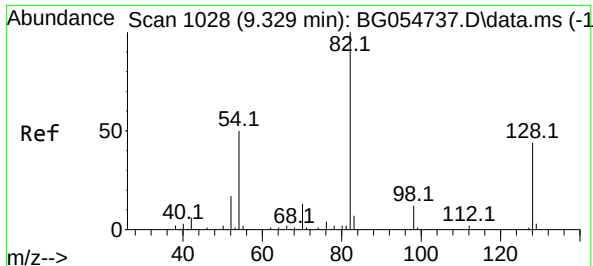
Tgt Ion: 99 Resp: 420072
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 32.3 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion: 136 Resp: 169782
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 9.3 7.7 11.5
68 6.4 5.6 8.4





#23

Nitrobenzene-d5

Concen: 92.920 ng

RT: 9.322 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BG054793.D

Acq: 30 Aug 2022 17:18

Instrument :

BNA_G

ClientSampleId :

WC-3

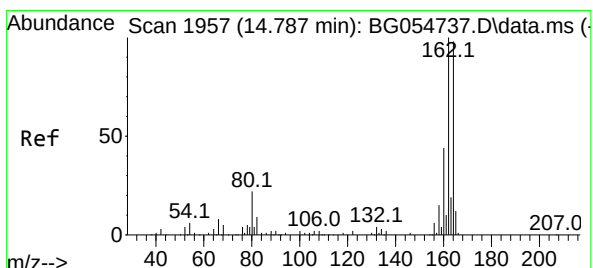
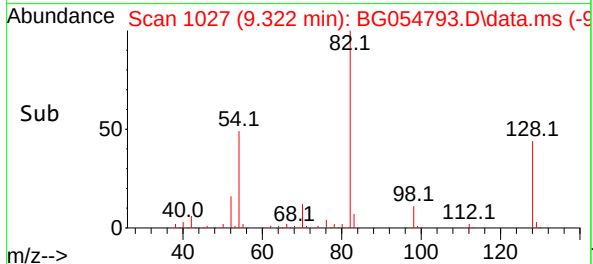
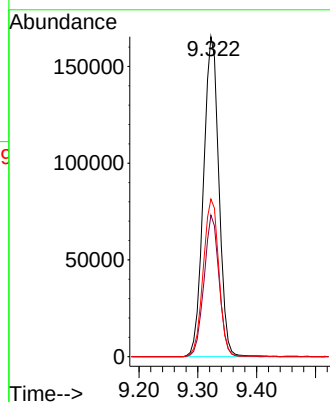
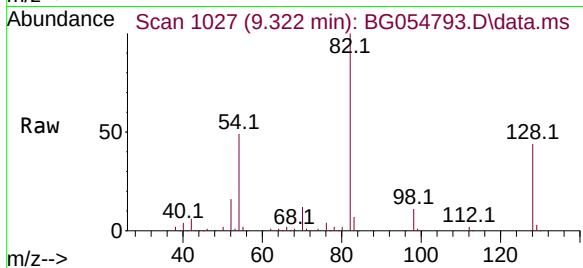
Tgt Ion: 82 Resp: 300518

Ion Ratio Lower Upper

82 100

128 44.2 32.2 48.2

54 49.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG054793.D

Acq: 30 Aug 2022 17:18

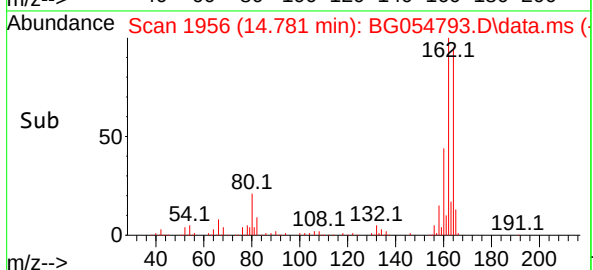
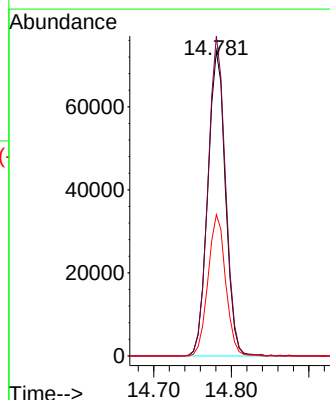
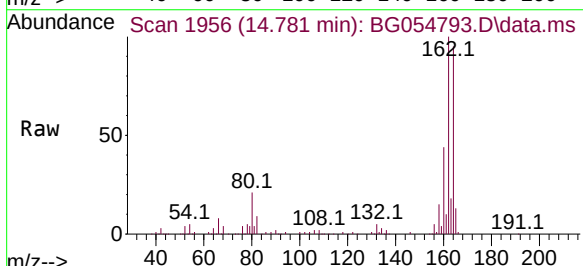
Tgt Ion:164 Resp: 116095

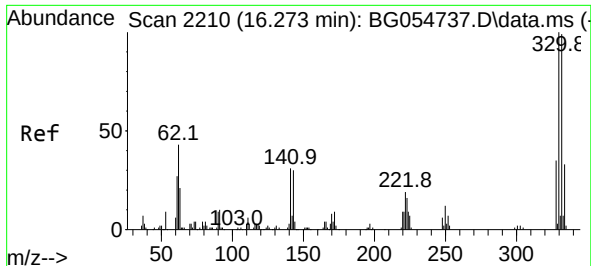
Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

160 46.3 38.0 57.0

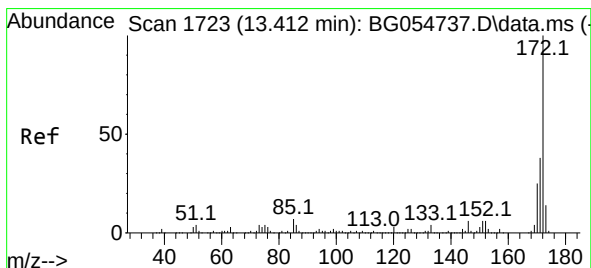
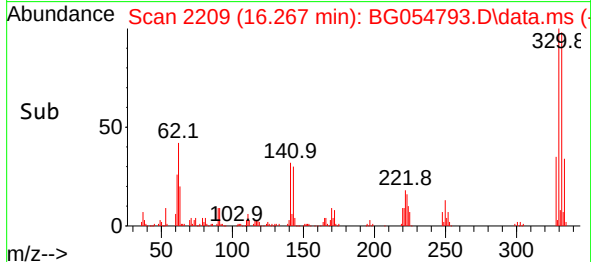
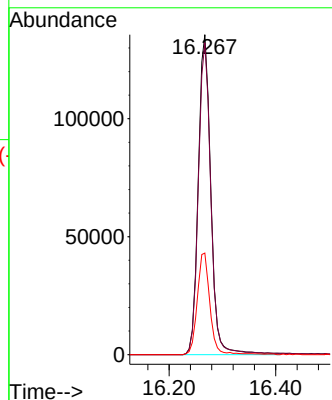
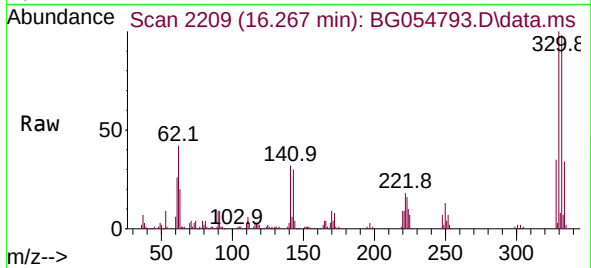




#42
2,4,6-Tribromophenol
Concen: 153.046 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

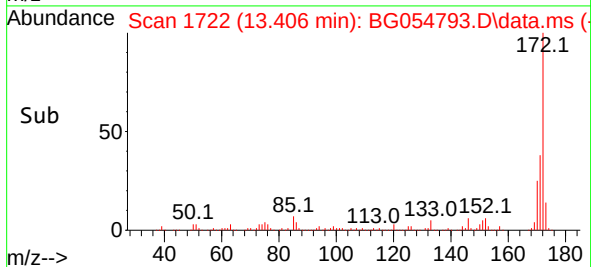
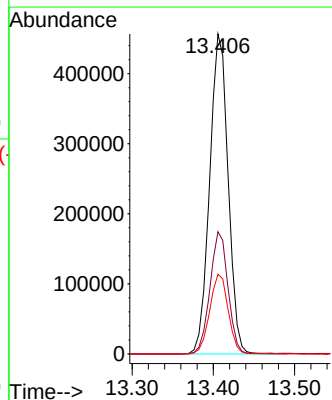
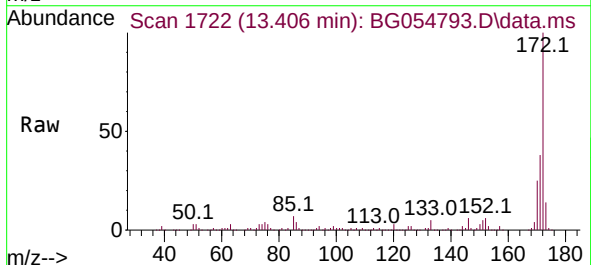
Instrument :
BNA_G
ClientSampleId :
WC-3

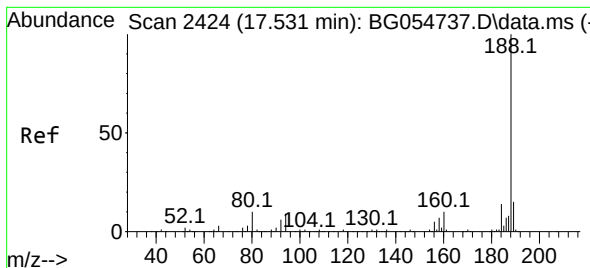
Tgt Ion:330 Resp: 222021
Ion Ratio Lower Upper
330 100
332 96.9 79.8 119.6
141 31.7 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 93.330 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054793.D
Acq: 30 Aug 2022 17:18

Tgt Ion:172 Resp: 720896
Ion Ratio Lower Upper
172 100
171 38.2 31.2 46.8
170 24.9 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: BG054793.D

Acq: 30 Aug 2022 17:18

Instrument :

BNA_G

ClientSampleId :

WC-3

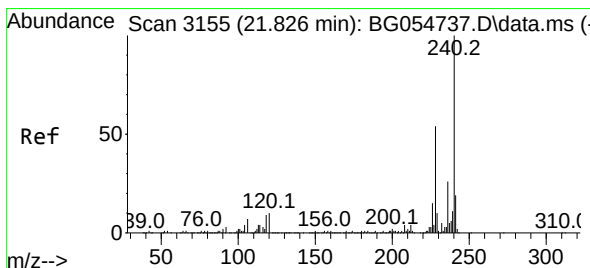
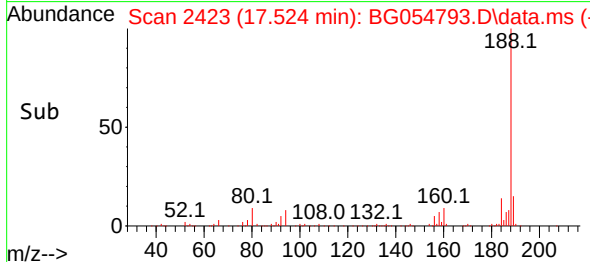
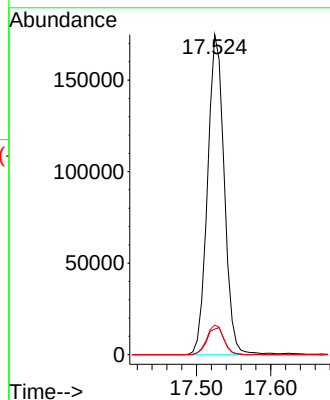
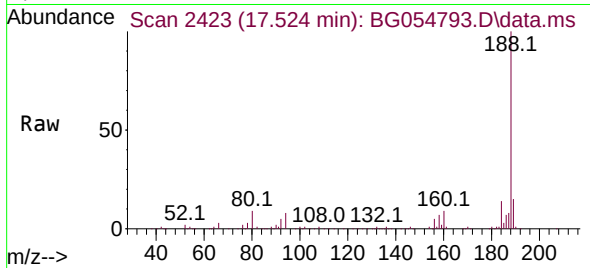
Tgt Ion:188 Resp: 272772

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 9.2 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: BG054793.D

Acq: 30 Aug 2022 17:18

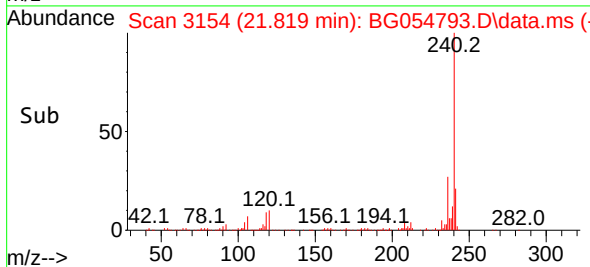
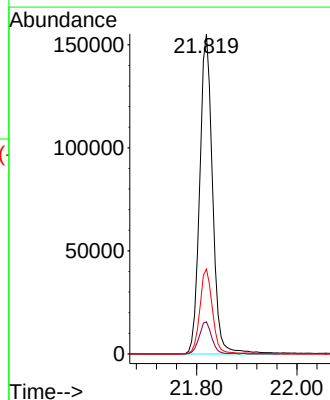
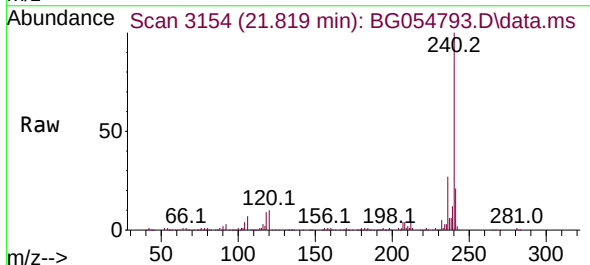
Tgt Ion:240 Resp: 275793

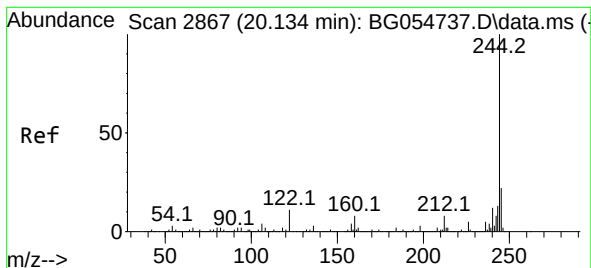
Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.4

236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 95.289 ng

RT: 20.127 min Scan# 2866

Delta R.T. -0.006 min

Lab File: BG054793.D

Acq: 30 Aug 2022 17:18

Instrument :

BNA_G

ClientSampleId :

WC-3

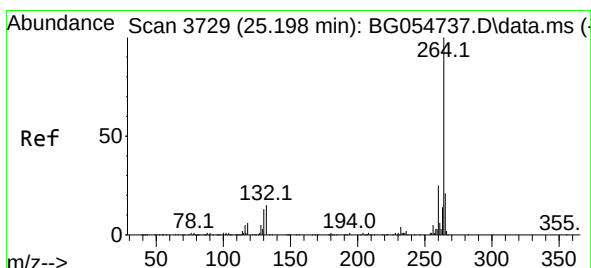
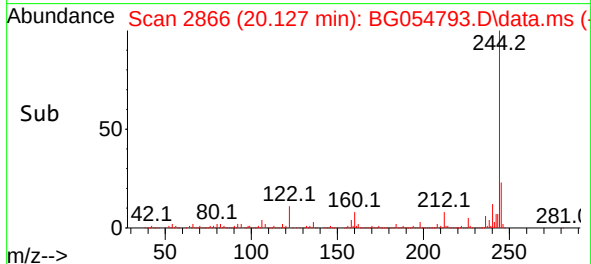
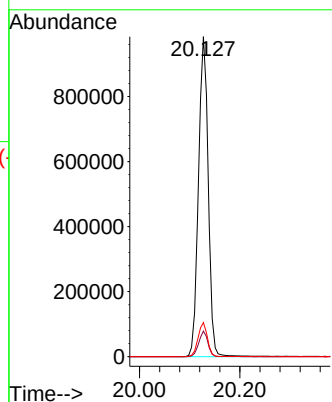
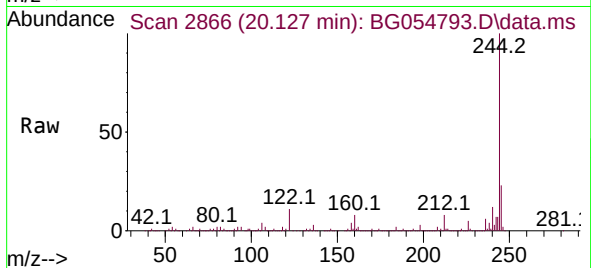
Tgt Ion:244 Resp: 1326339

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.6 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 3727

Delta R.T. -0.012 min

Lab File: BG054793.D

Acq: 30 Aug 2022 17:18

Tgt Ion:264 Resp: 283400

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 22.4 16.9 25.3

