

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082922\
 Data File : BG054772.D
 Acq On : 29 Aug 2022 14:35
 Operator : CG/JU
 Sample : N4355-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Quant Time: Aug 30 02:47:25 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	53514	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	216225	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	145185	20.000	ng	0.00
64) Phenanthrene-d10	17.524	188	334609	20.000	ng	0.00
76) Chrysene-d12	21.819	240	326612	20.000	ng	0.00
86) Perylene-d12	25.180	264	338908	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	167265	54.429	ng	0.00
7) Phenol-d6	7.289	99	145398	34.596	ng	0.00
23) Nitrobenzene-d5	9.322	82	313047	76.003	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	230654	127.139	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	756704	78.337	ng	0.00
79) Terphenyl-d14	20.127	244	1351451	81.986	ng	0.00

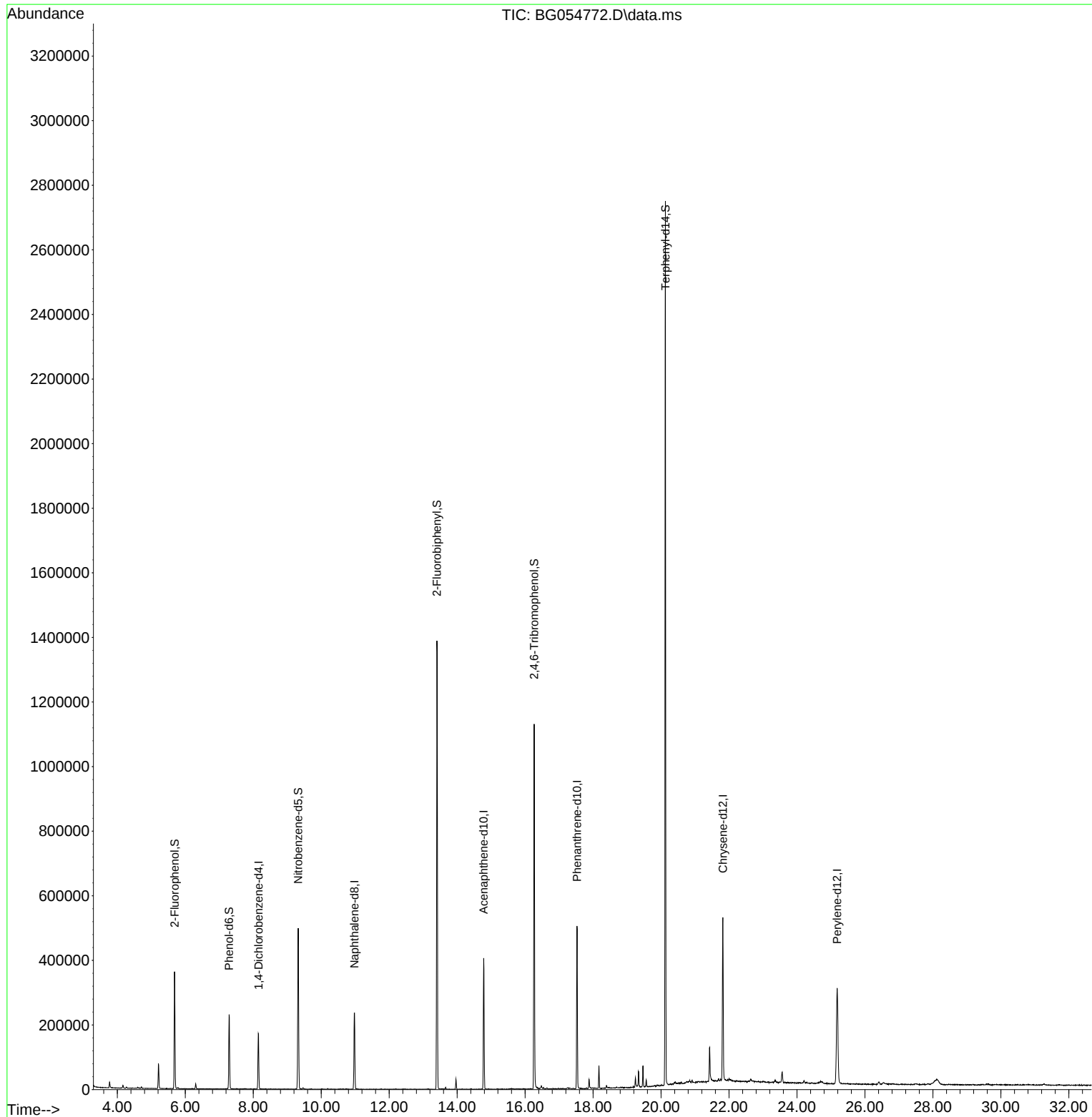
Target Compounds	Qvalue

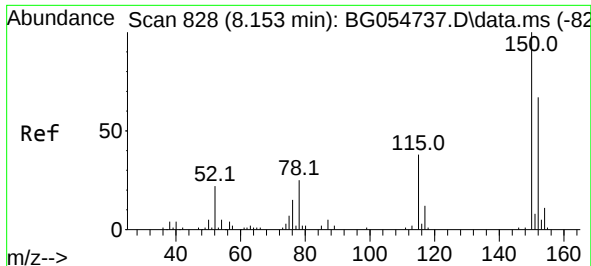
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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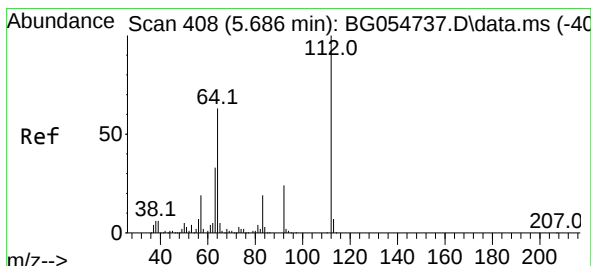
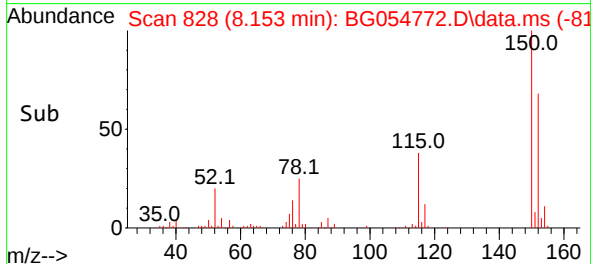
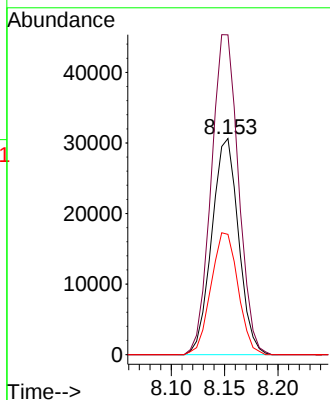
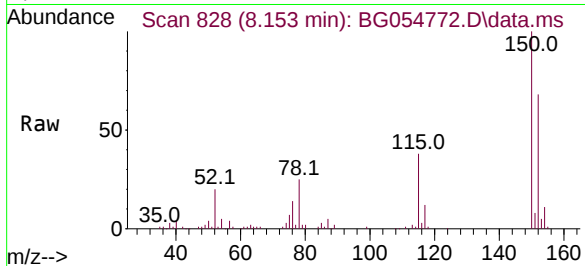




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.153 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

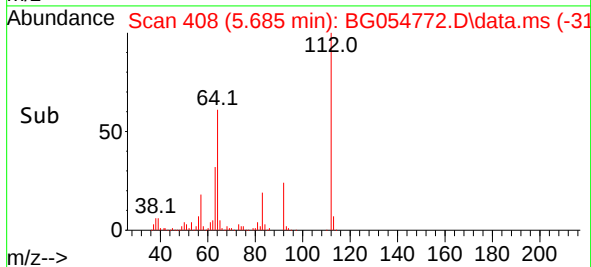
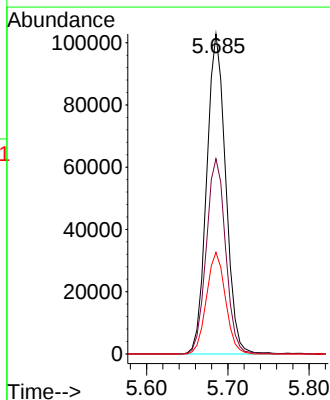
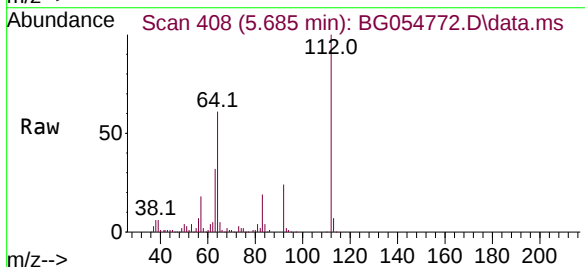
Instrument :
BNA_G
ClientSampleId :
MW-15

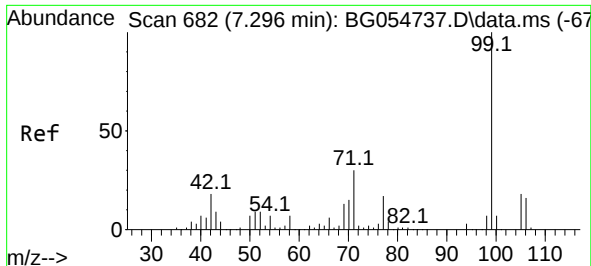
Tgt Ion:152 Resp: 53514
Ion Ratio Lower Upper
152 100
150 148.0 125.2 187.8
115 55.6 47.9 71.9



#5
2-Fluorophenol
Concen: 54.429 ng
RT: 5.685 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:112 Resp: 167265
Ion Ratio Lower Upper
112 100
64 61.0 49.3 73.9
63 31.7 26.3 39.5

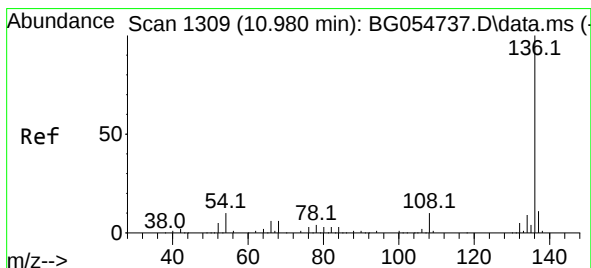
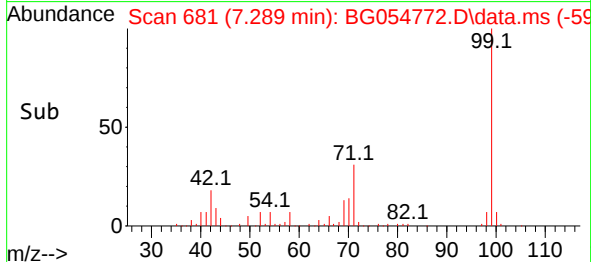
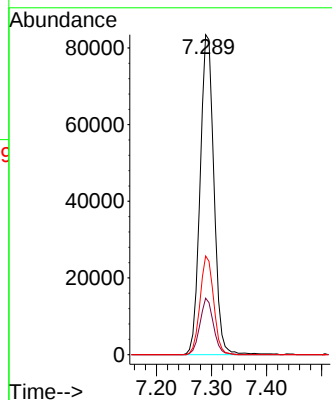
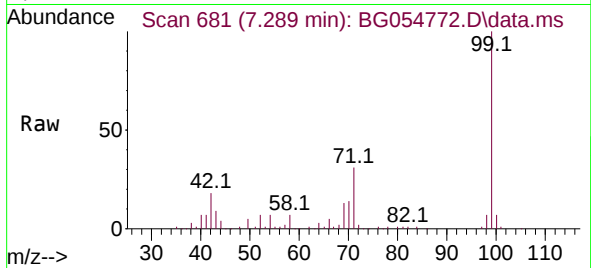




#7
Phenol-d6
Concen: 34.596 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

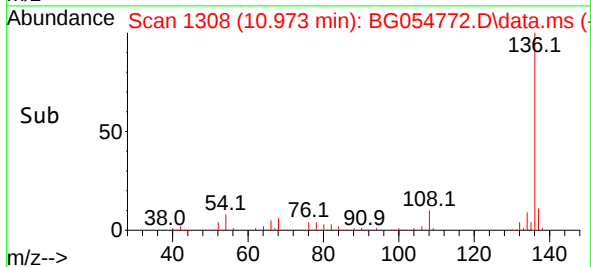
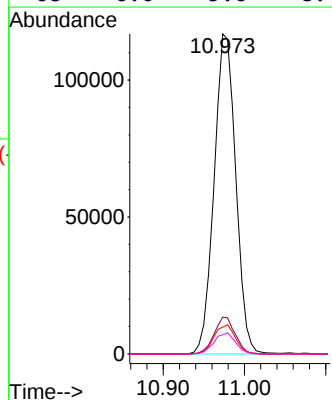
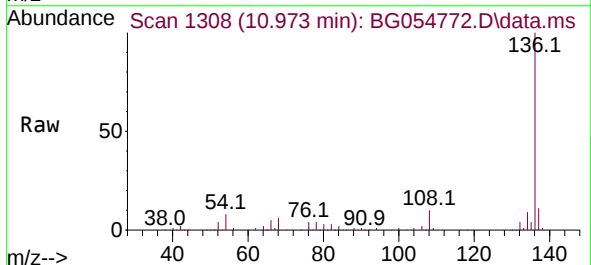
Instrument :
BNA_G
ClientSampleId :
MW-15

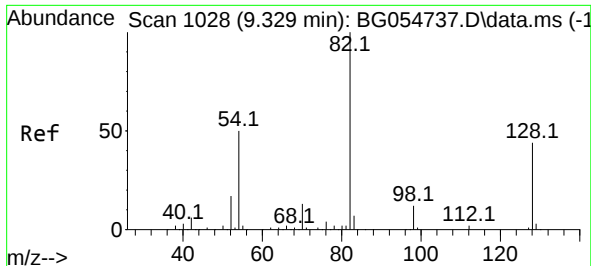
Tgt Ion: 99 Resp: 145398
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 30.8 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 1308
Delta R.T. -0.007 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion: 136 Resp: 216225
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 8.4 7.7 11.5
68 6.0 5.6 8.4

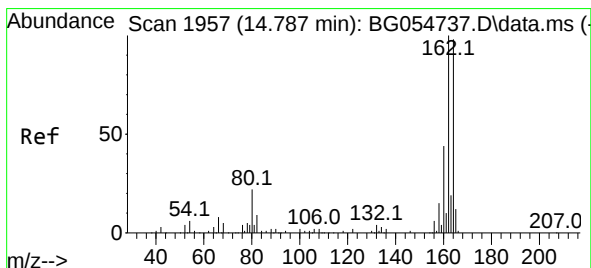
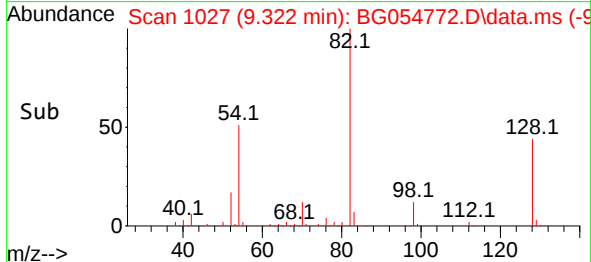
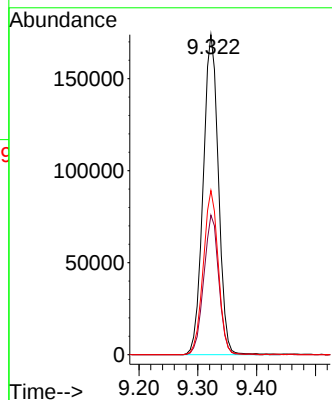
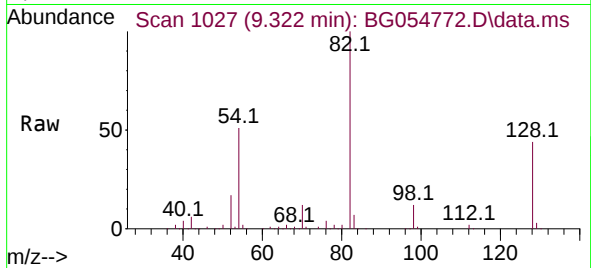




#23
Nitrobenzene-d5
Concen: 76.003 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

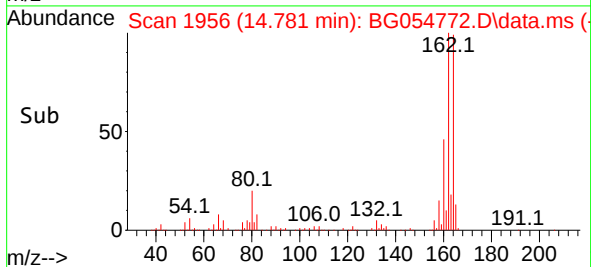
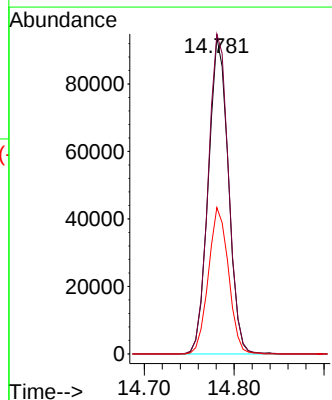
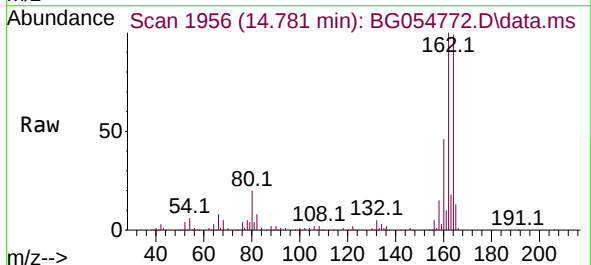
Instrument :
BNA_G
ClientSampleId :
MW-15

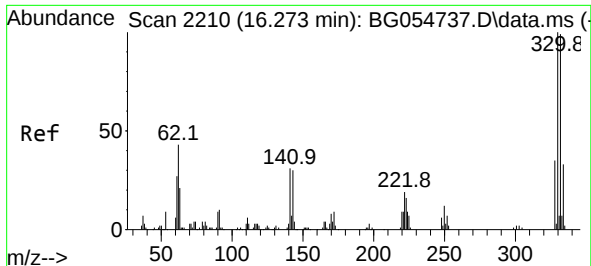
Tgt Ion: 82 Resp: 313047
Ion Ratio Lower Upper
82 100
128 43.6 32.2 48.2
54 51.3 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054772.D
Acq: 29 Aug 2022 14:35

Tgt Ion:164 Resp: 145185
Ion Ratio Lower Upper
164 100
162 101.1 83.0 124.4
160 46.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 127.139 ng

RT: 16.267 min Scan# 2210

Delta R.T. -0.006 min

Lab File: BG054772.D

Acq: 29 Aug 2022 14:35

Instrument :

BNA_G

ClientSampleId :

MW-15

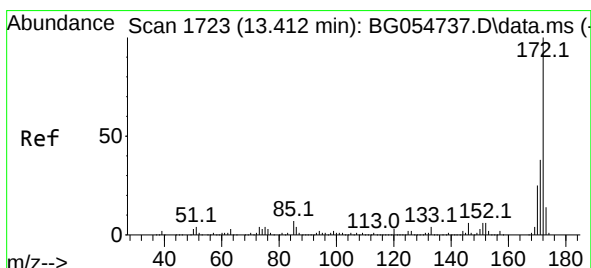
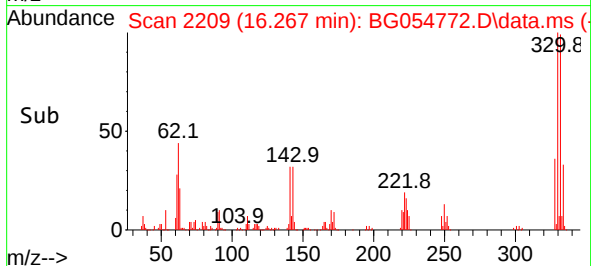
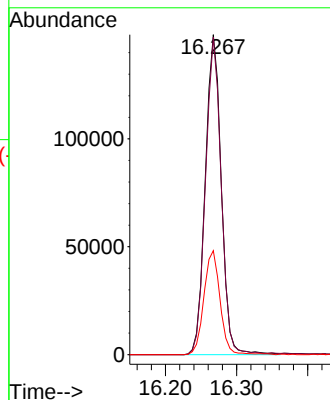
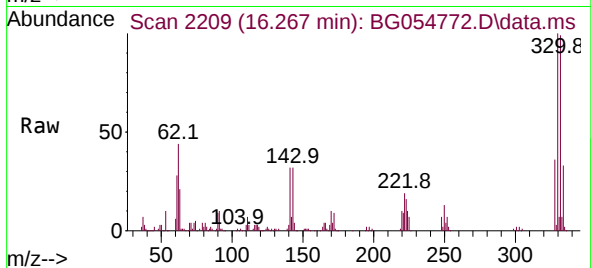
Tgt Ion:330 Resp: 230654

Ion Ratio Lower Upper

330 100

332 97.1 79.8 119.6

141 32.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 78.337 ng

RT: 13.406 min Scan# 1722

Delta R.T. -0.006 min

Lab File: BG054772.D

Acq: 29 Aug 2022 14:35

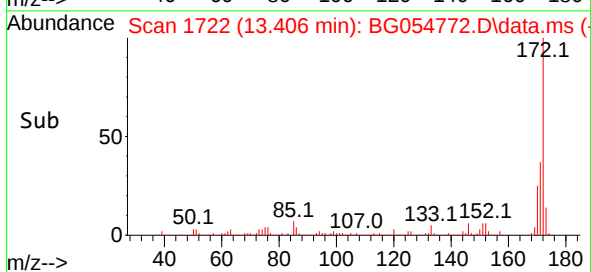
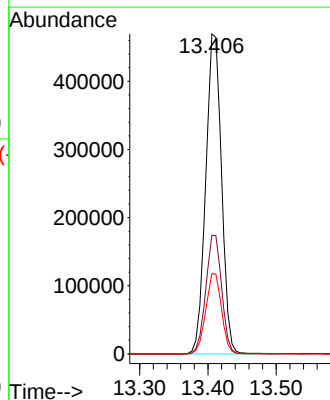
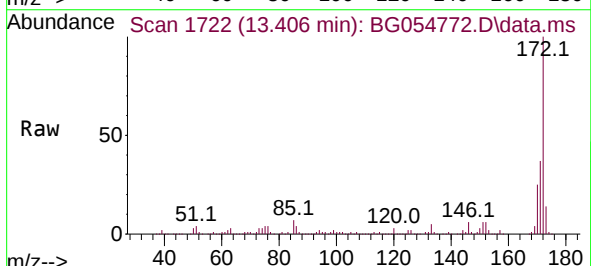
Tgt Ion:172 Resp: 756704

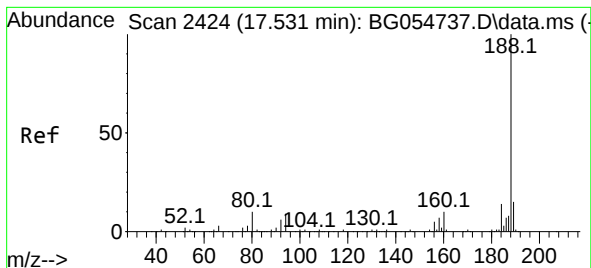
Ion Ratio Lower Upper

172 100

171 37.1 31.2 46.8

170 25.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.524 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BG054772.D

Acq: 29 Aug 2022 14:35

Instrument :

BNA_G

ClientSampleId :

MW-15

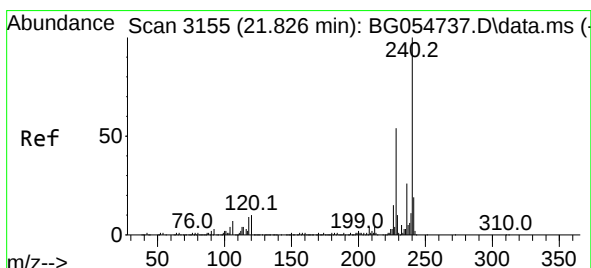
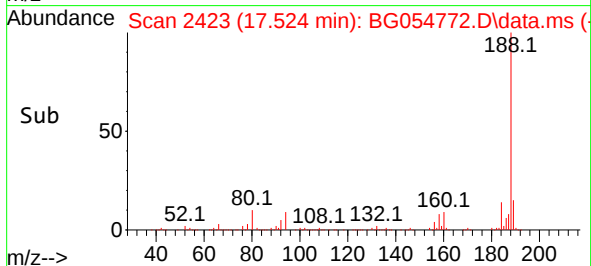
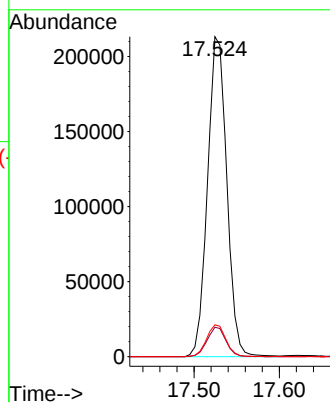
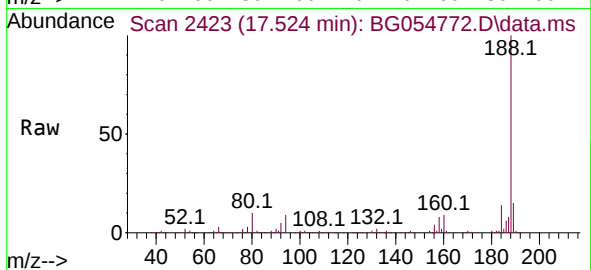
Tgt Ion:188 Resp: 334609

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.9 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: BG054772.D

Acq: 29 Aug 2022 14:35

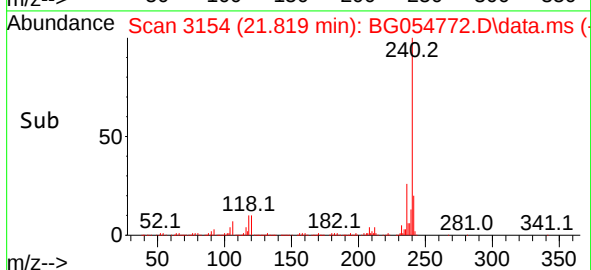
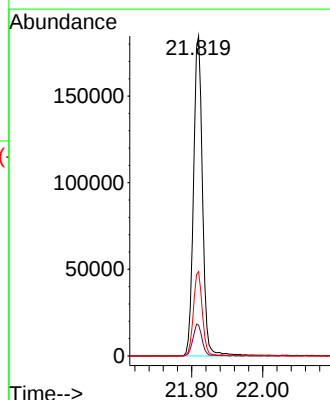
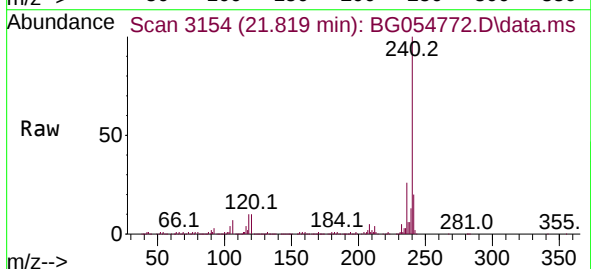
Tgt Ion:240 Resp: 326612

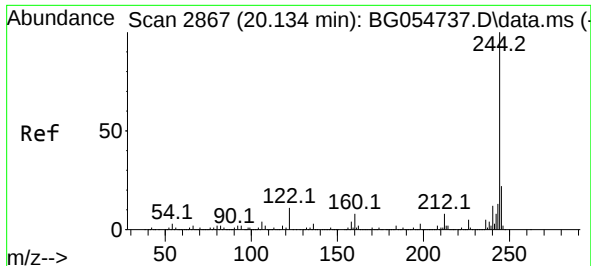
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.4

236 26.3 21.2 31.8

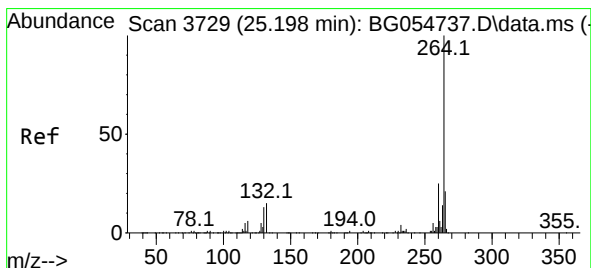
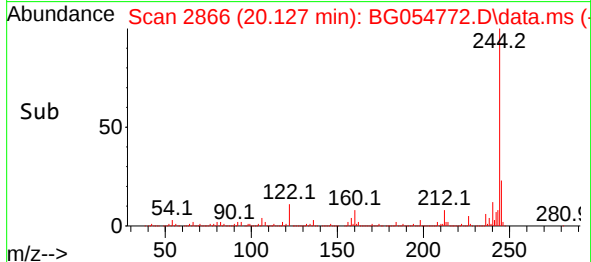
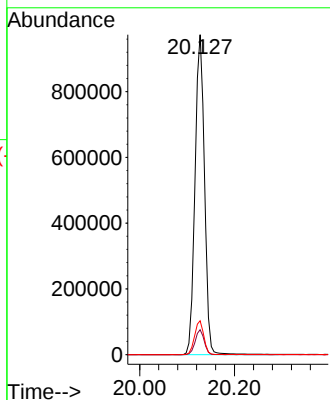
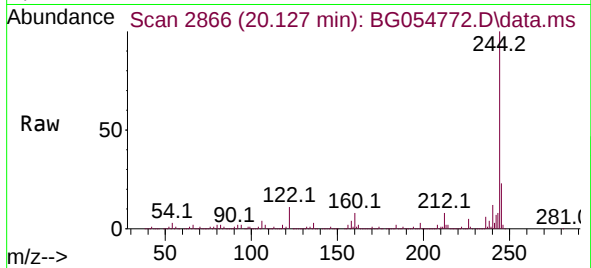




#79
 Terphenyl-d14
 Concen: 81.986 ng
 RT: 20.127 min Scan# 2867
 Delta R.T. -0.006 min
 Lab File: BG054772.D
 Acq: 29 Aug 2022 14:35

Instrument :
 BNA_G
 ClientSampleId :
 MW-15

Tgt Ion:244 Resp: 1351451
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 10.6 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.180 min Scan# 3726
 Delta R.T. -0.018 min
 Lab File: BG054772.D
 Acq: 29 Aug 2022 14:35

Tgt Ion:264 Resp: 338908
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.9 29.9
 265 21.0 16.9 25.3

