

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090822\
 Data File : BG054886.D
 Acq On : 8 Sep 2022 16:28
 Operator : CG/JU
 Sample : N4537-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW6

Quant Time: Sep 09 02:50:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 09 02:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.149	152	38085	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	156144	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	89528	20.000	ng	0.00
64) Phenanthrene-d10	17.532	188	226091	20.000	ng	0.00
76) Chrysene-d12	21.827	240	222648	20.000	ng	0.00
86) Perylene-d12	25.205	264	29984	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	112079	51.246	ng	0.00
7) Phenol-d6	7.303	99	78076	26.103	ng	0.00
23) Nitrobenzene-d5	9.324	82	244910	82.340	ng	0.00
42) 2,4,6-Tribromophenol	16.274	330	186083	166.337	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	608076	102.085	ng	0.00
79) Terphenyl-d14	20.135	244	913343	81.280	ng	0.00

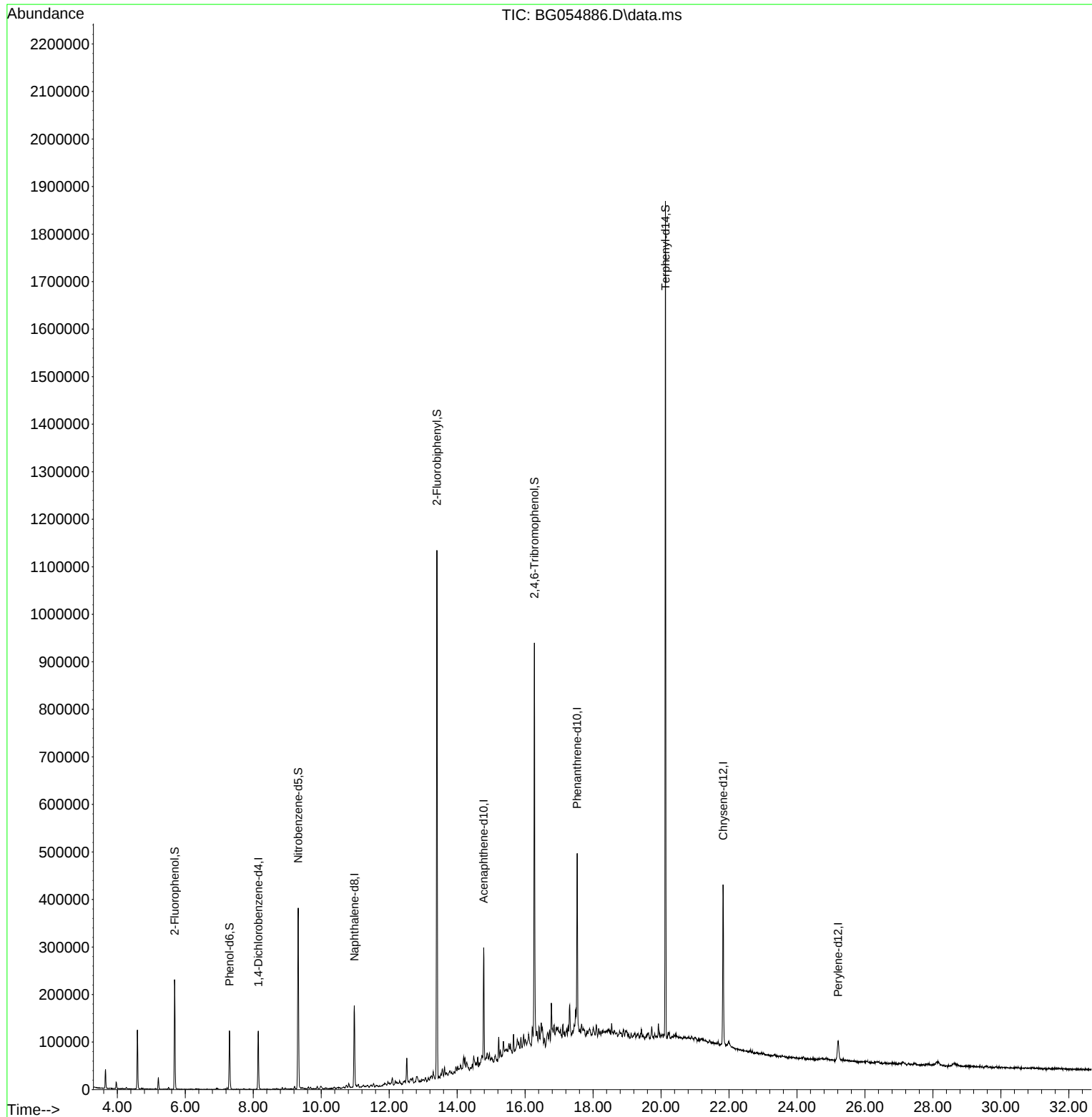
Target Compounds Qvalue

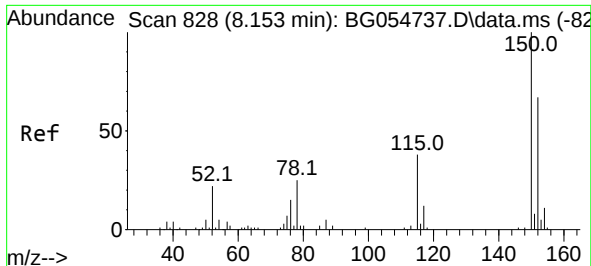
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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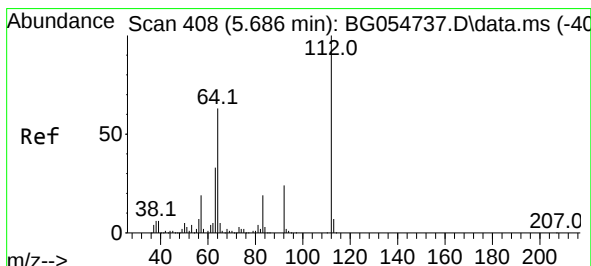
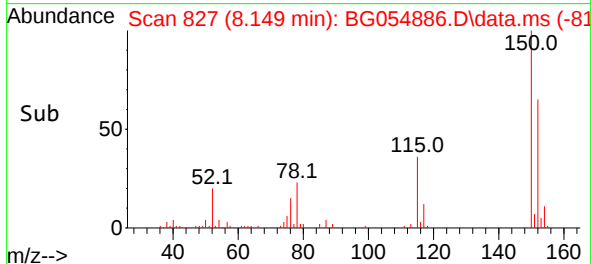
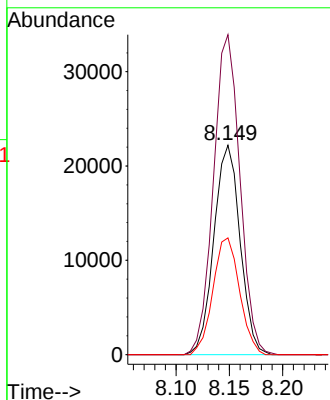
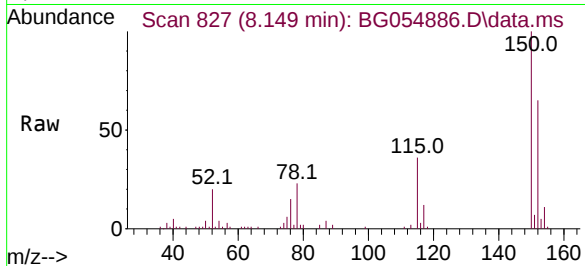




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.149 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

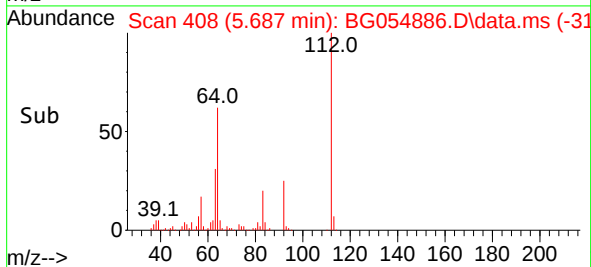
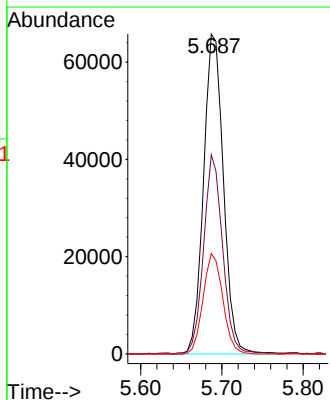
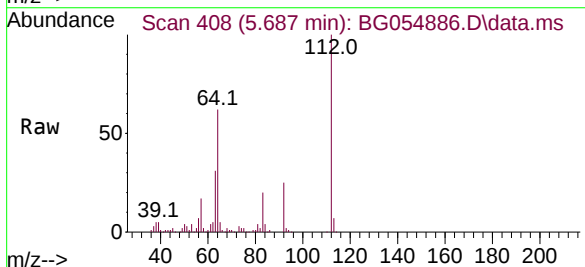
Instrument :
BNA_G
ClientSampleId :
MW6

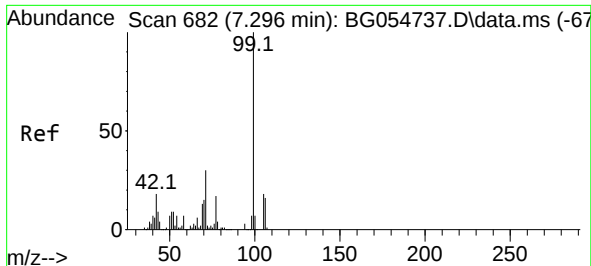
Tgt Ion:152 Resp: 38085
Ion Ratio Lower Upper
152 100
150 152.9 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 51.246 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

Tgt Ion:112 Resp: 112079
Ion Ratio Lower Upper
112 100
64 62.2 49.3 73.9
63 31.4 26.3 39.5

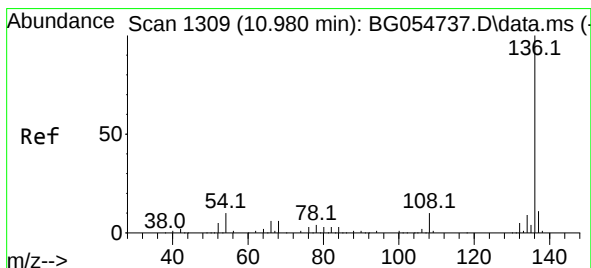
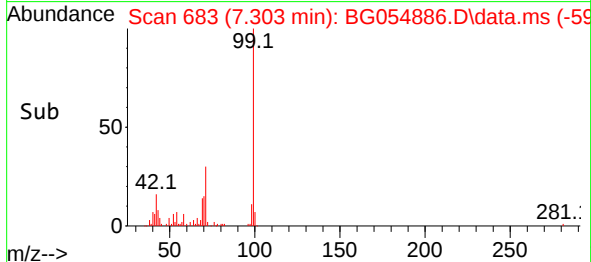
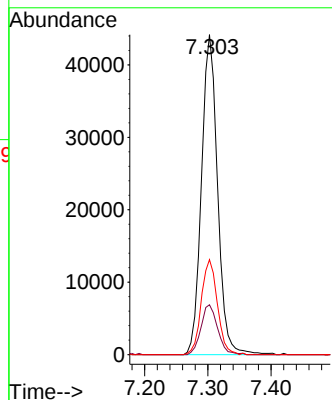
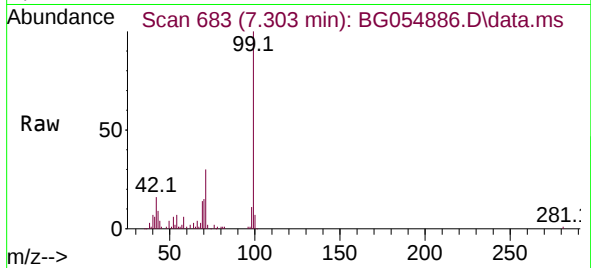




#7
Phenol-d6
Concen: 26.103 ng
RT: 7.303 min Scan# 682
Delta R.T. -0.004 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

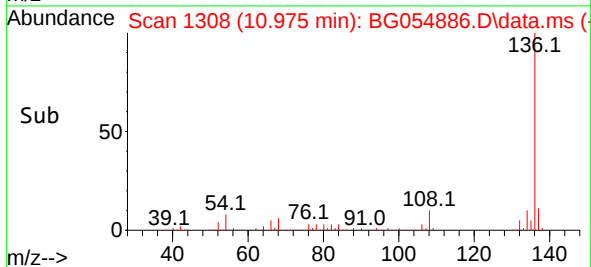
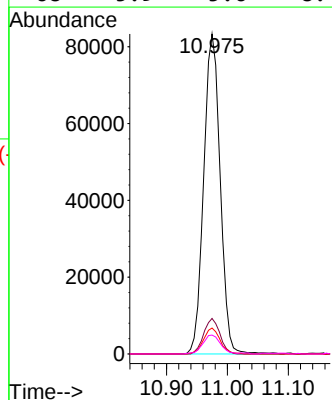
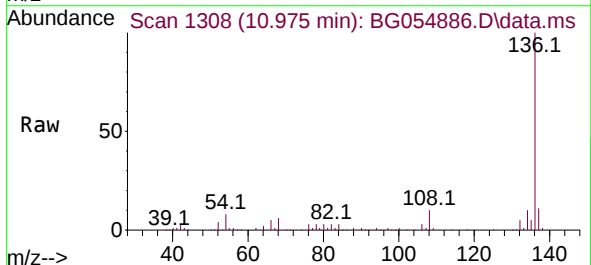
Instrument :
BNA_G
ClientSampleId :
MW6

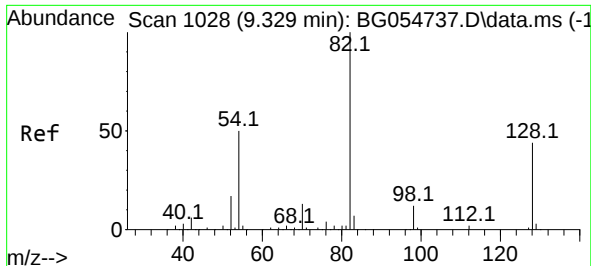
Tgt Ion: 99 Resp: 78076
Ion Ratio Lower Upper
99 100
42 15.6 14.6 22.0
71 29.7 24.6 37.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1308
Delta R.T. -0.004 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

Tgt Ion: 136 Resp: 156144
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 8.1 7.7 11.5
68 5.9 5.6 8.4





#23

Nitrobenzene-d5

Concen: 82.340 ng

RT: 9.324 min Scan# 1027

Delta R.T. -0.004 min

Lab File: BG054886.D

Acq: 8 Sep 2022 16:28

Instrument :

BNA_G

ClientSampleId :

MW6

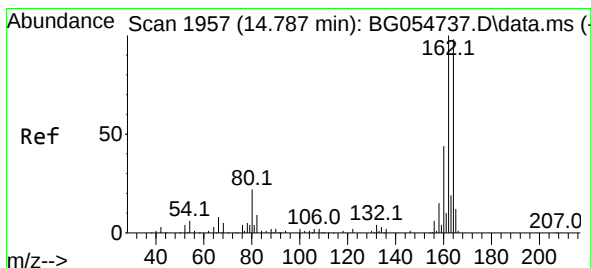
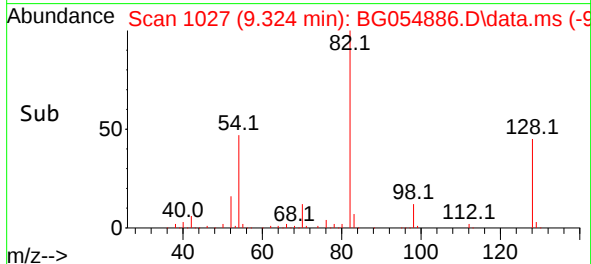
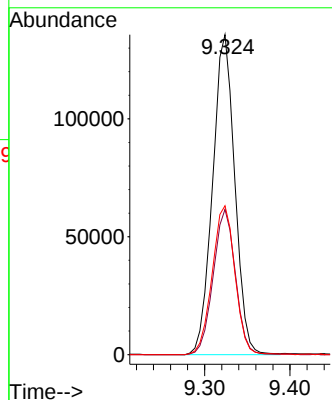
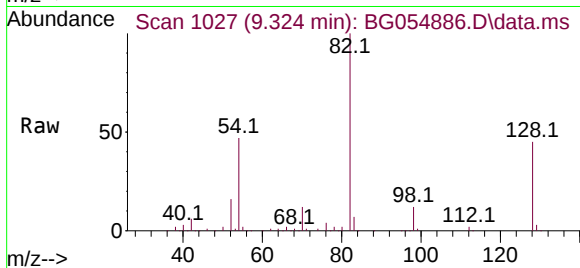
Tgt Ion: 82 Resp: 244910

Ion Ratio Lower Upper

82 100

128 45.4 32.2 48.2

54 46.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.782 min Scan# 1956

Delta R.T. -0.010 min

Lab File: BG054886.D

Acq: 8 Sep 2022 16:28

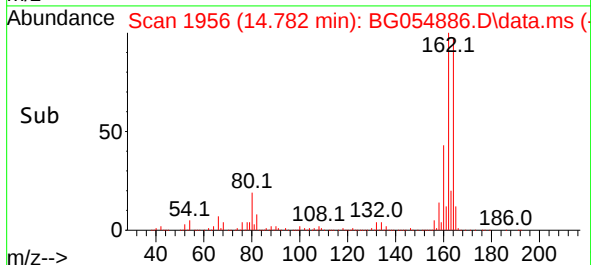
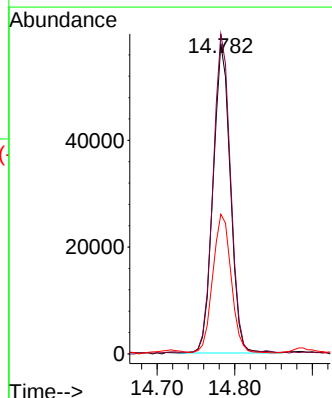
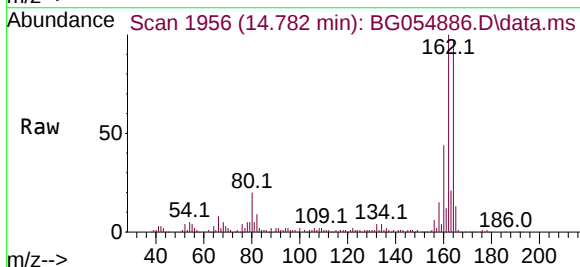
Tgt Ion:164 Resp: 89528

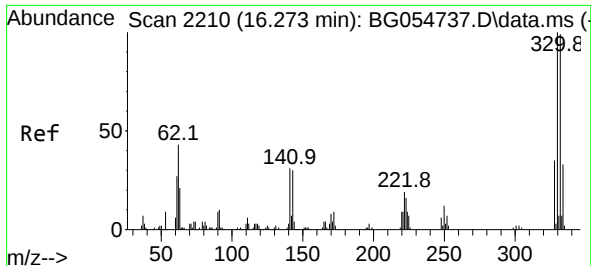
Ion Ratio Lower Upper

164 100

162 103.3 83.0 124.4

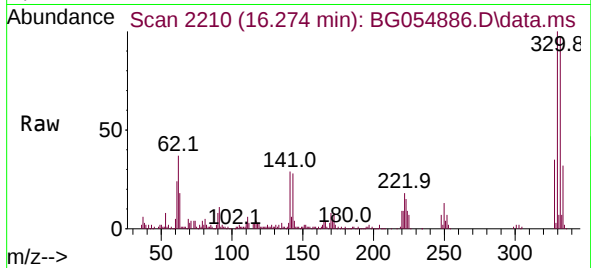
160 45.1 38.0 57.0



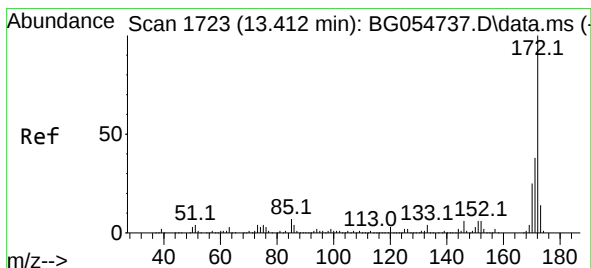
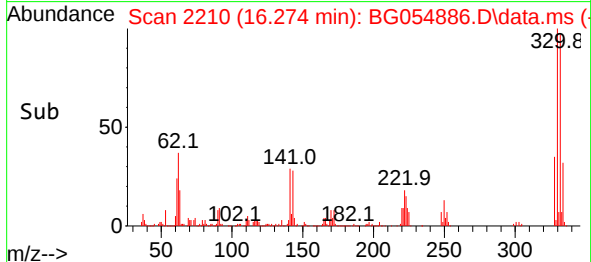
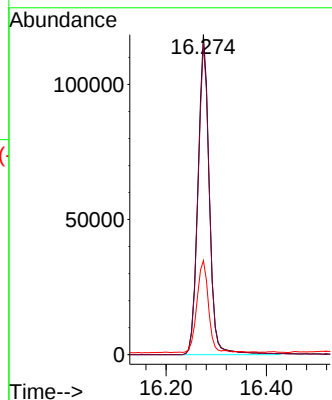


#42
2,4,6-Tribromophenol
Concen: 166.337 ng
RT: 16.274 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

Instrument :
BNA_G
ClientSampleId :
MW6

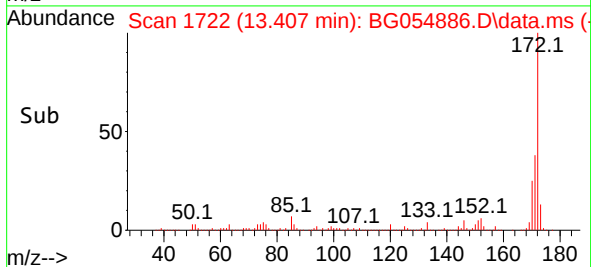
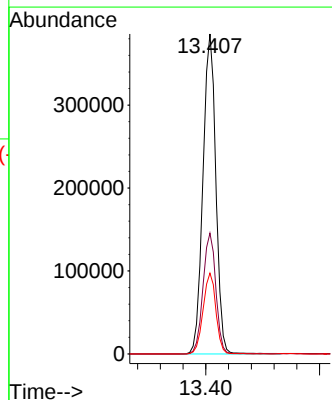
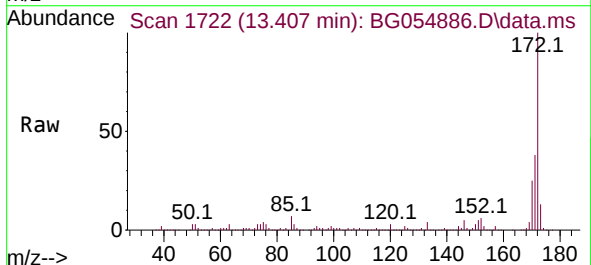


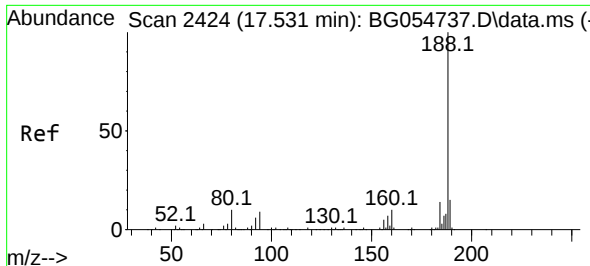
Tgt Ion:330 Resp: 186083
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 29.2 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 102.085 ng
RT: 13.407 min Scan# 1722
Delta R.T. -0.004 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

Tgt Ion:172 Resp: 608076
Ion Ratio Lower Upper
172 100
171 37.7 31.2 46.8
170 25.2 20.6 30.8

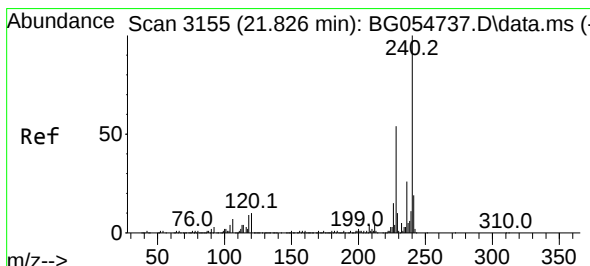
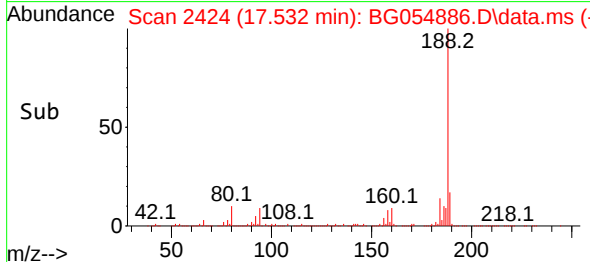
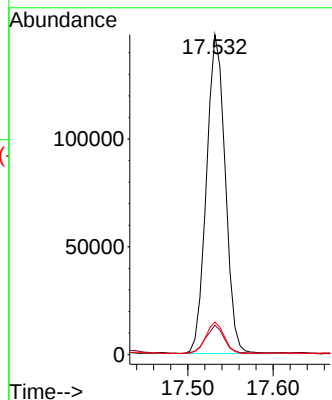
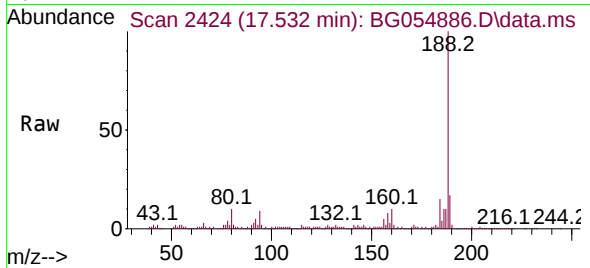




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.532 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

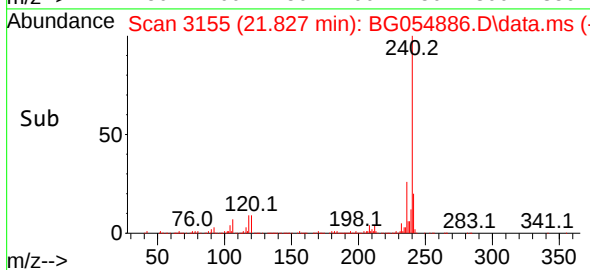
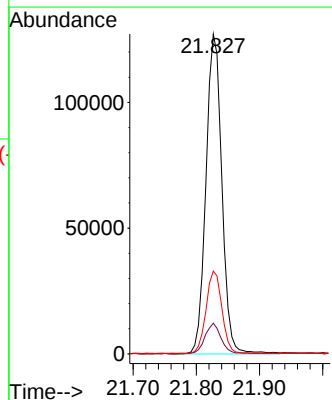
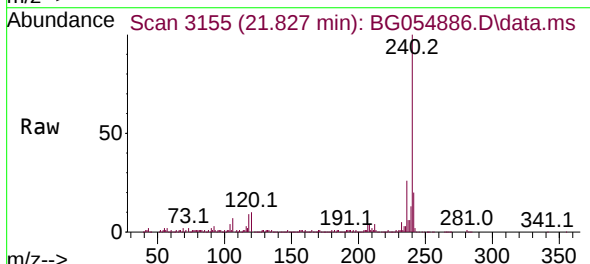
Instrument :
BNA_G
ClientSampleId :
MW6

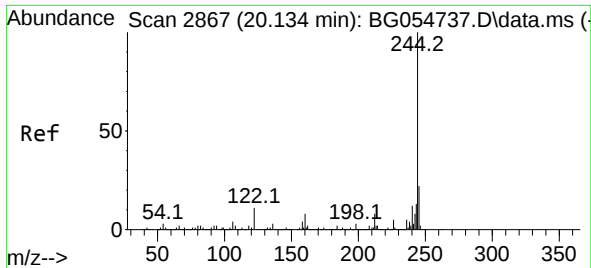
Tgt Ion:188 Resp: 226091
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.010 min
Lab File: BG054886.D
Acq: 8 Sep 2022 16:28

Tgt Ion:240 Resp: 222648
Ion Ratio Lower Upper
240 100
120 9.6 8.2 12.4
236 25.9 21.2 31.8

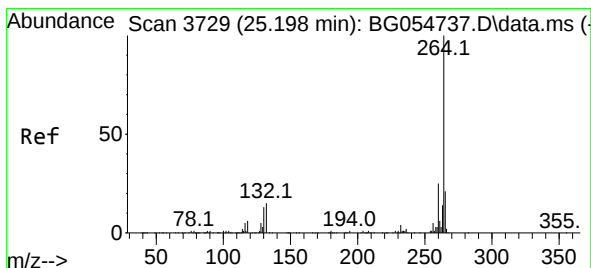
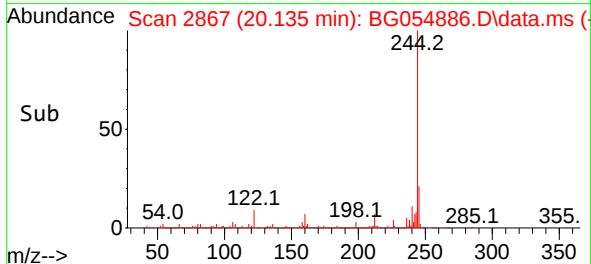
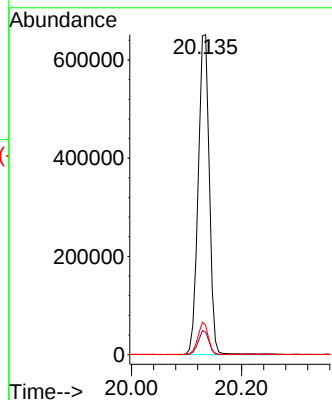
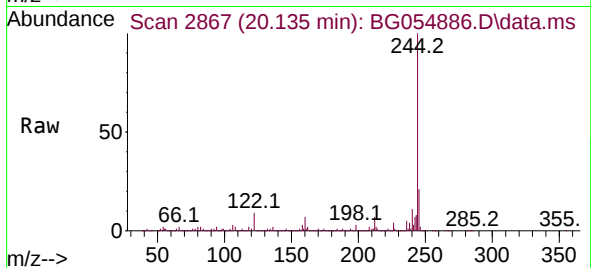




#79
 Terphenyl-d14
 Concen: 81.280 ng
 RT: 20.135 min Scan# 2867
 Delta R.T. 0.002 min
 Lab File: BG054886.D
 Acq: 8 Sep 2022 16:28

Instrument :
 BNA_G
 ClientSampleId :
 MW6

Tgt Ion:244 Resp: 913343
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 9.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.205 min Scan# 3730
 Delta R.T. -0.015 min
 Lab File: BG054886.D
 Acq: 8 Sep 2022 16:28

Tgt Ion:264 Resp: 29984
 Ion Ratio Lower Upper
 264 100
 260 27.3 19.9 29.9
 265 21.5 16.9 25.3

