

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055745.D
 Acq On : 22 Nov 2022 18:36
 Operator : CG/JU
 Sample : N5749-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-83

Quant Time: Nov 23 01:39:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	37737	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	153956	20.000	ng	0.00
39) Acenaphthene-d10	14.862	164	108534	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	258936	20.000	ng	0.00
76) Chrysene-d12	21.901	240	260441	20.000	ng	0.00
86) Perylene-d12	25.309	264	273784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.773	112	257098	123.144	ng	0.00
7) Phenol-d6	7.389	99	331861	119.410	ng	0.00
23) Nitrobenzene-d5	9.416	82	207250	71.151	ng	0.00
42) 2,4,6-Tribromophenol	16.349	330	173927	113.804	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	496860	68.583	ng	0.00
79) Terphenyl-d14	20.197	244	834244	64.068	ng	0.00

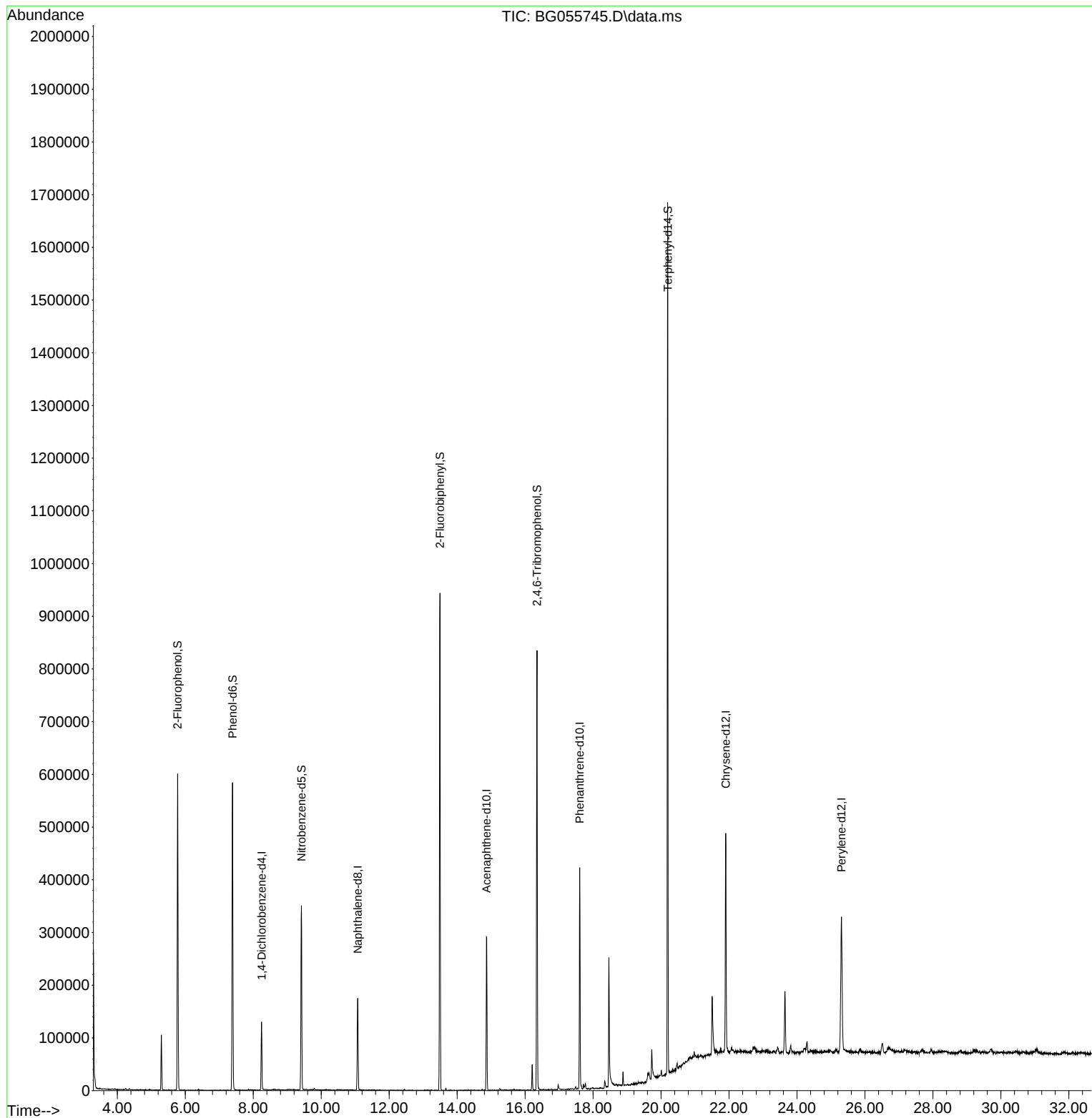
Target Compounds	Qvalue

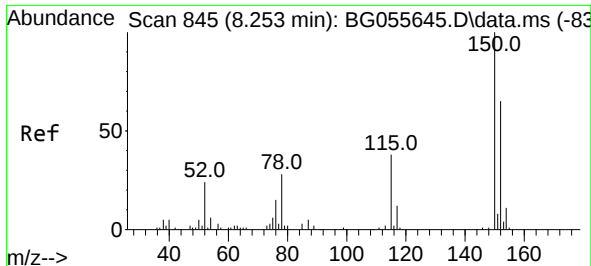
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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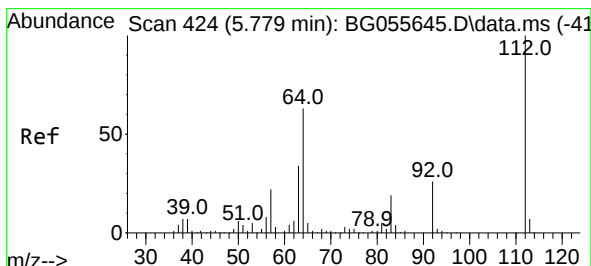
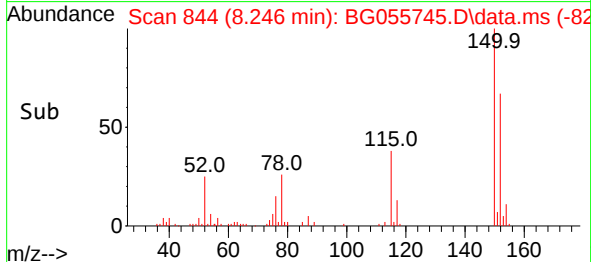
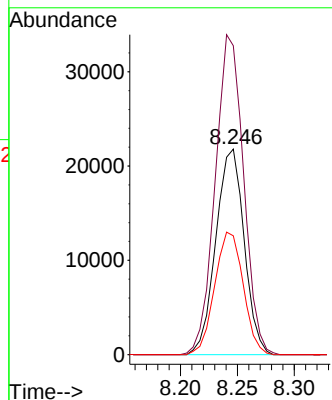
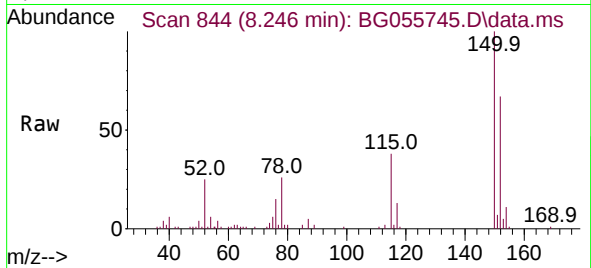




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.246 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

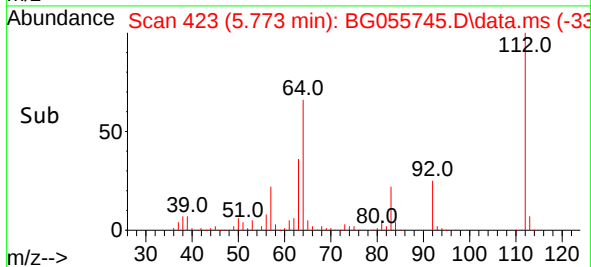
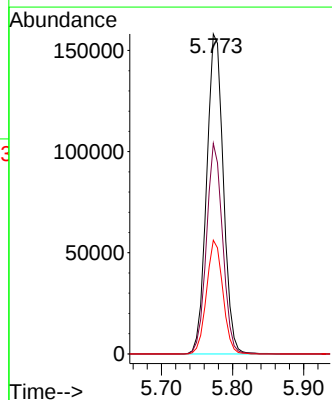
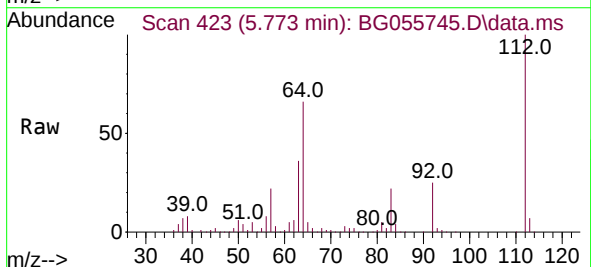
Instrument :
BNA_G
ClientSampleId :
MH-83

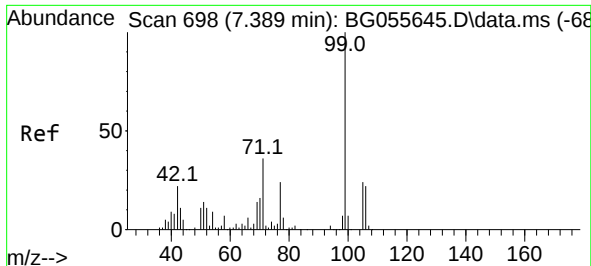
Tgt Ion:152 Resp: 37737
Ion Ratio Lower Upper
152 100
150 150.3 123.0 184.6
115 57.8 47.0 70.4



#5
2-Fluorophenol
Concen: 123.144 ng
RT: 5.773 min Scan# 423
Delta R.T. 0.000 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:112 Resp: 257098
Ion Ratio Lower Upper
112 100
64 65.8 50.6 76.0
63 35.5 27.5 41.3

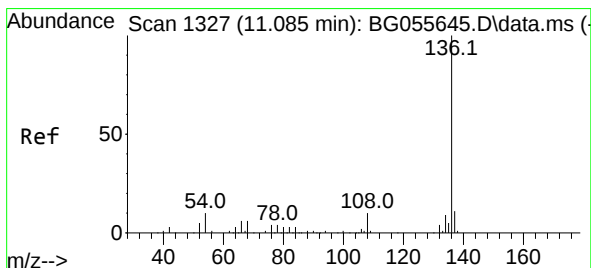
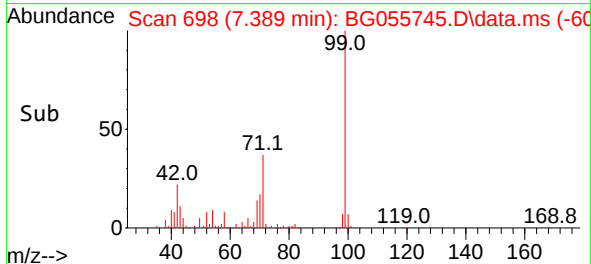
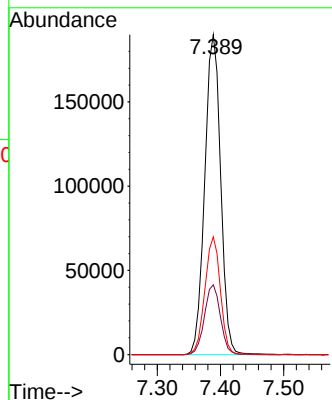
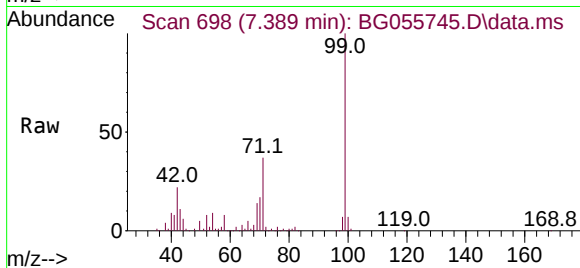




#7
Phenol-d6
Concen: 119.410 ng
RT: 7.389 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

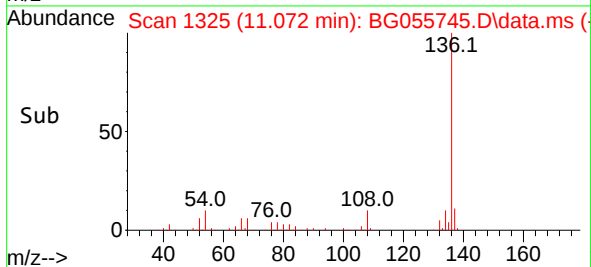
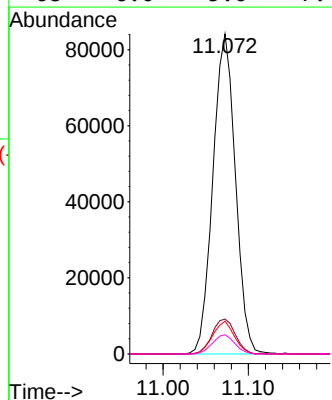
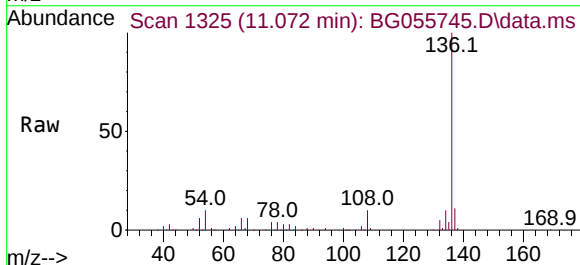
Instrument :
BNA_G
ClientSampleId :
MH-83

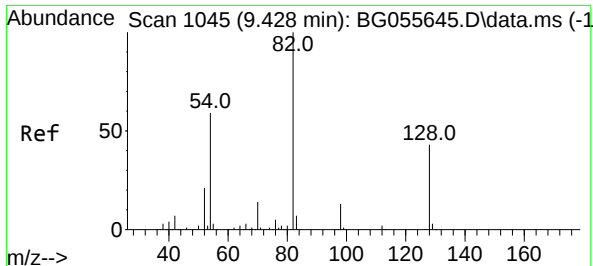
Tgt Ion: 99 Resp: 331861
Ion Ratio Lower Upper
99 100
42 21.8 18.0 27.0
71 36.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:136 Resp: 153956
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.2 7.8 11.6
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.151 ng

RT: 9.416 min Scan# 1043

Delta R.T. 0.001 min

Lab File: BG055745.D

Acq: 22 Nov 2022 18:36

Instrument :

BNA_G

ClientSampleId :

MH-83

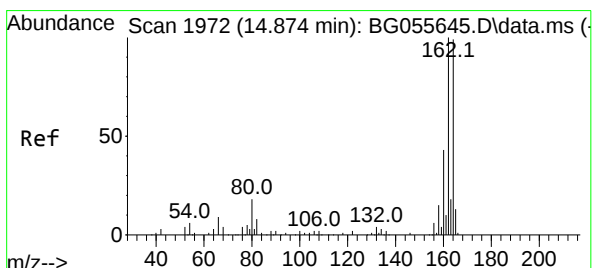
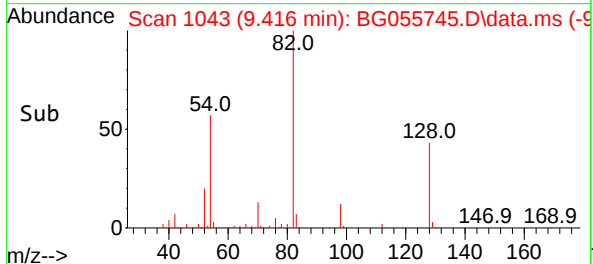
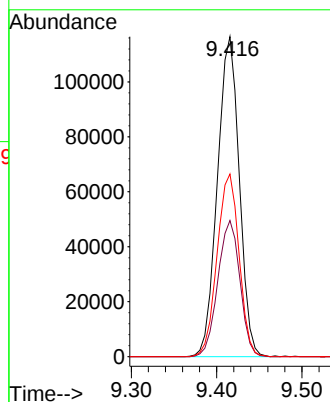
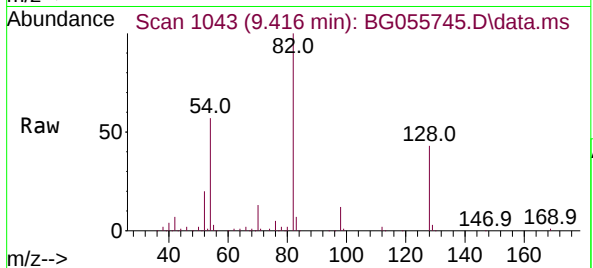
Tgt Ion: 82 Resp: 207250

Ion Ratio Lower Upper

82 100

128 42.5 34.1 51.1

54 57.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.862 min Scan# 1970

Delta R.T. -0.005 min

Lab File: BG055745.D

Acq: 22 Nov 2022 18:36

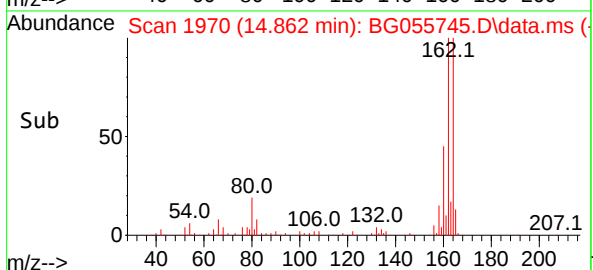
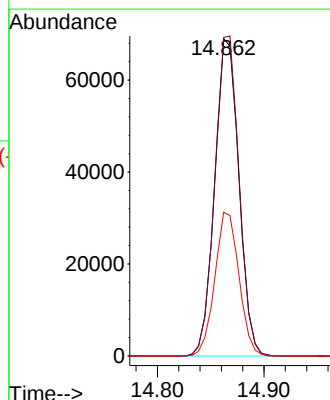
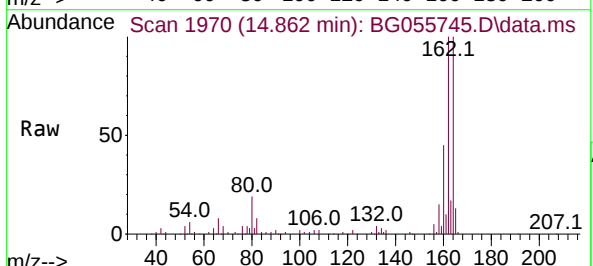
Tgt Ion: 164 Resp: 108534

Ion Ratio Lower Upper

164 100

162 100.4 81.1 121.7

160 45.3 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 113.804 ng

RT: 16.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055745.D

Acq: 22 Nov 2022 18:36

Instrument :

BNA_G

ClientSampleId :

MH-83

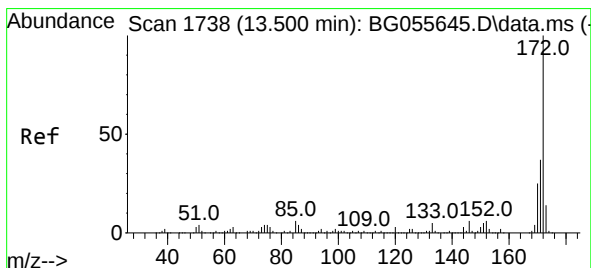
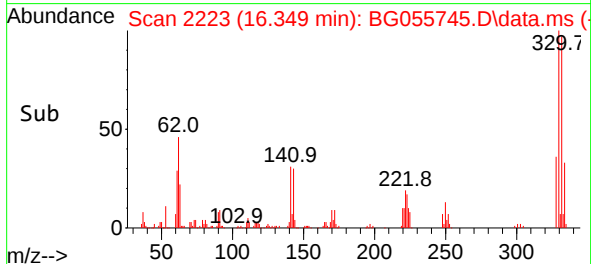
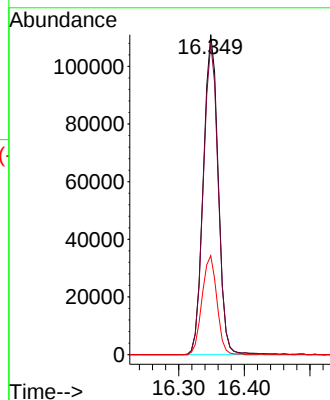
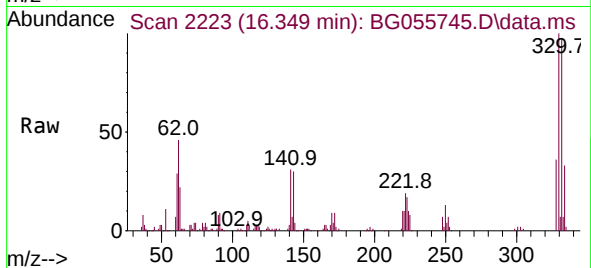
Tgt Ion:330 Resp: 173927

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 30.7 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 68.583 ng

RT: 13.493 min Scan# 1737

Delta R.T. 0.001 min

Lab File: BG055745.D

Acq: 22 Nov 2022 18:36

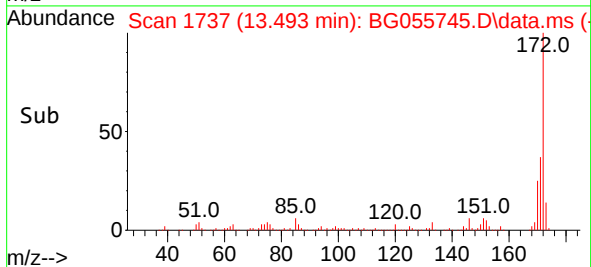
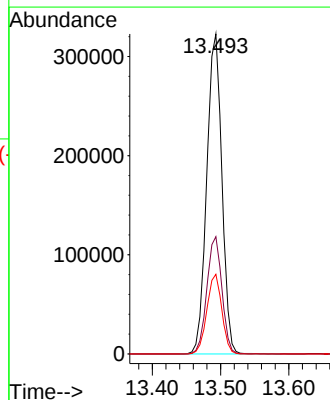
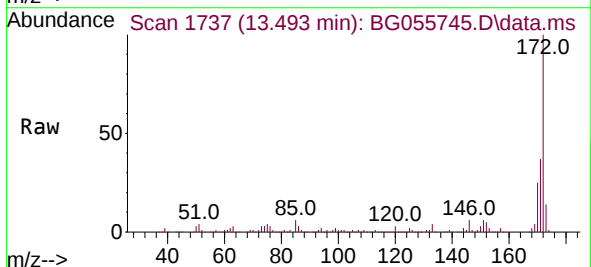
Tgt Ion:172 Resp: 496860

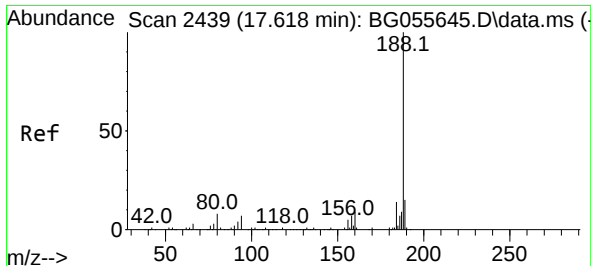
Ion Ratio Lower Upper

172 100

171 36.7 29.8 44.6

170 24.9 20.2 30.4

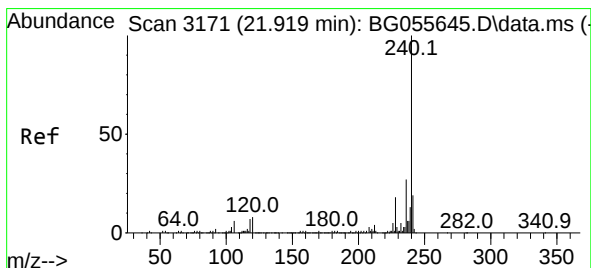
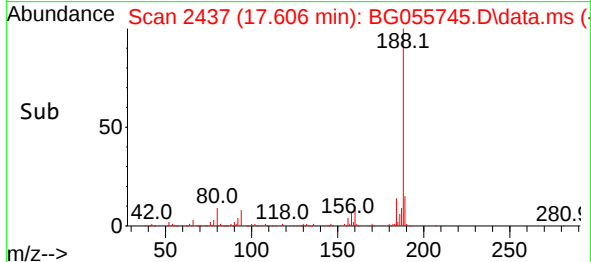
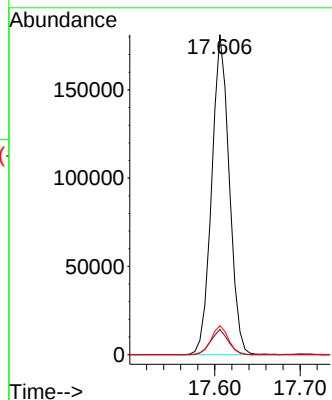
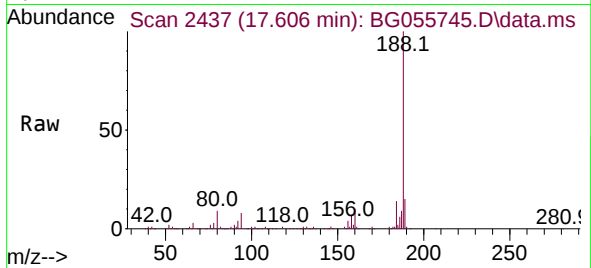




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.606 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

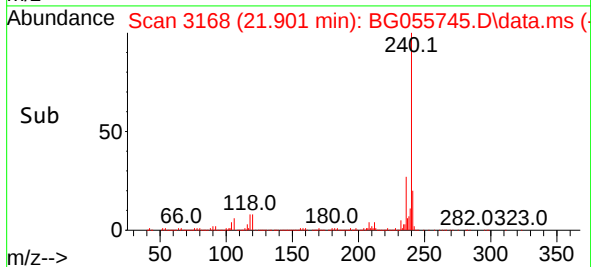
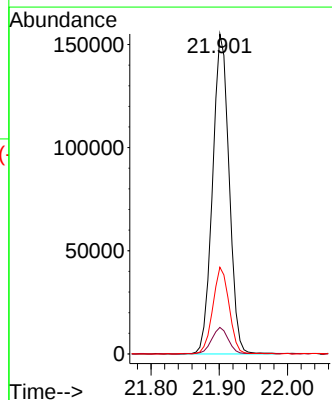
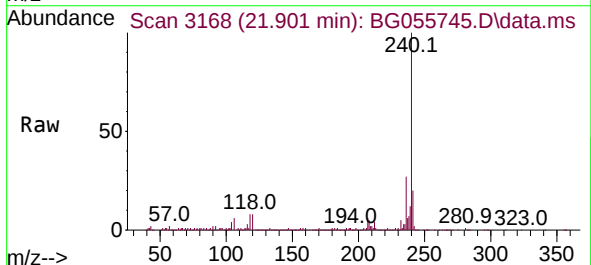
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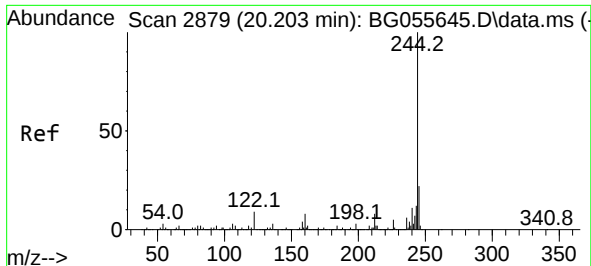
Tgt Ion:188 Resp: 258936
Ion Ratio Lower Upper
188 100
94 7.9 5.4 8.2
80 9.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.901 min Scan# 3168
Delta R.T. -0.005 min
Lab File: BG055745.D
Acq: 22 Nov 2022 18:36

Tgt Ion:240 Resp: 260441
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 27.1 21.9 32.9

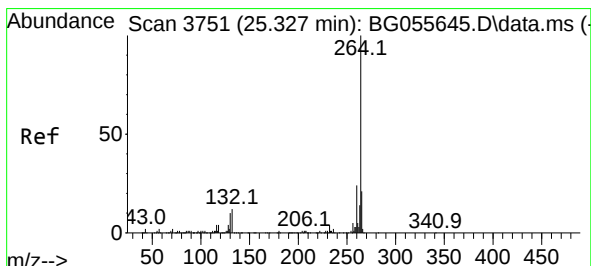
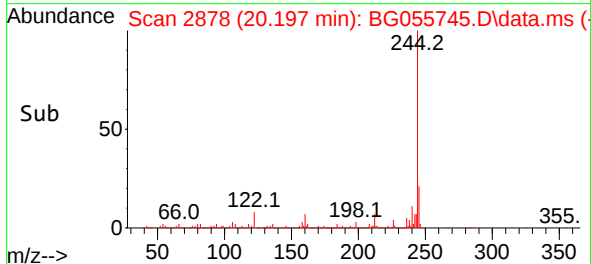
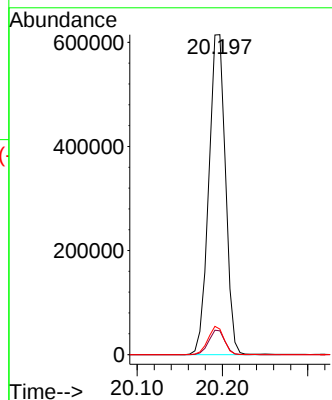
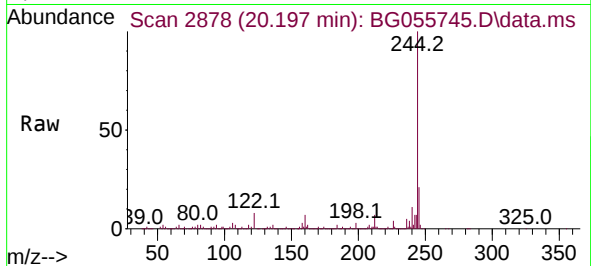




#79
 Terphenyl-d14
 Concen: 64.068 ng
 RT: 20.197 min Scan# 2879
 Delta R.T. 0.006 min
 Lab File: BG055745.D
 Acq: 22 Nov 2022 18:36

Instrument :
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Tgt Ion:244 Resp: 834244
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.309 min Scan# 3748
 Delta R.T. 0.006 min
 Lab File: BG055745.D
 Acq: 22 Nov 2022 18:36

Tgt Ion:264 Resp: 273784
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 21.2 17.1 25.7

