

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055939.D
 Acq On : 8 Dec 2022 22:52
 Operator : CG/JU
 Sample : N5943-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RM-301

Quant Time: Dec 09 08:14:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 07:57:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	42214	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	179446	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	117095	20.000	ng	0.00
64) Phenanthrene-d10	17.519	188	245020	20.000	ng	0.00
76) Chrysene-d12	21.796	240	211487	20.000	ng	0.00
86) Perylene-d12	25.133	264	248021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.674	112	41737	17.871	ng	0.00
7) Phenol-d6	7.301	99	61901	19.911	ng	0.00
23) Nitrobenzene-d5	9.317	82	39798	11.722	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	19812	12.016	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	101796	13.024	ng	0.00
79) Terphenyl-d14	20.110	244	142339	13.462	ng	0.00

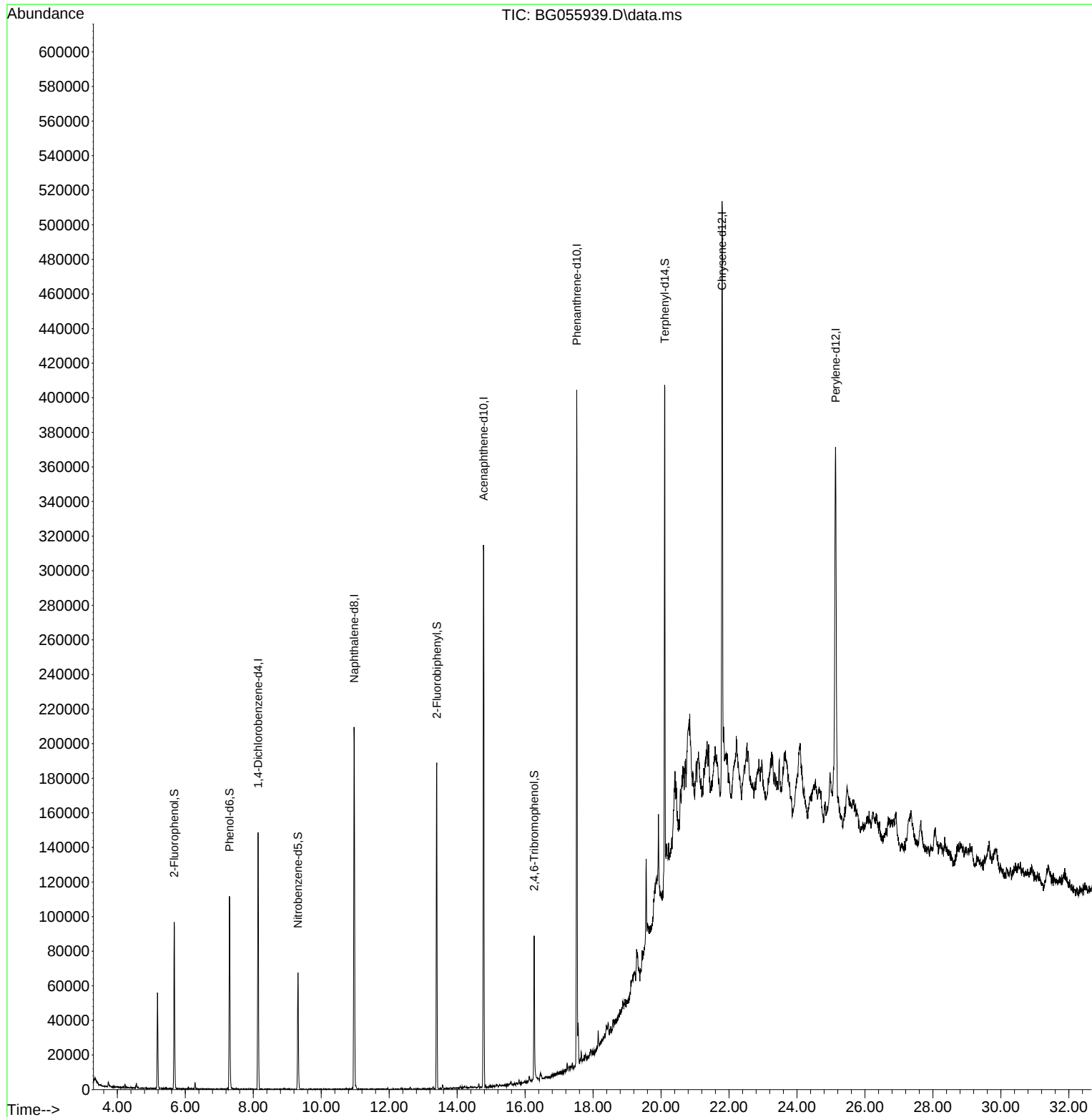
Target Compounds	Qvalue

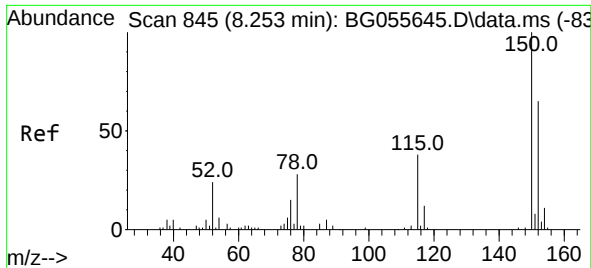
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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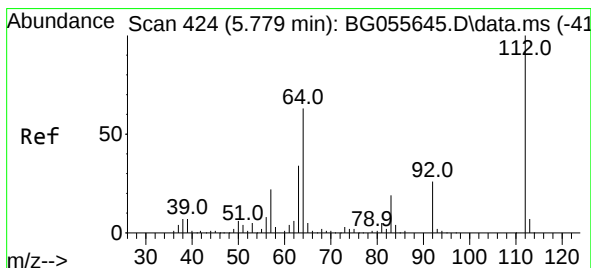
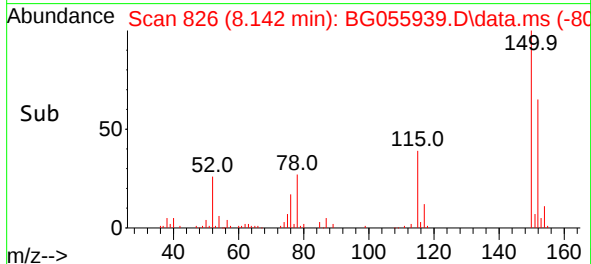
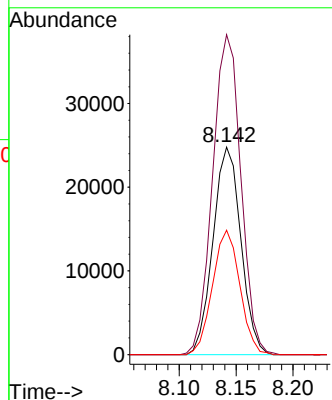
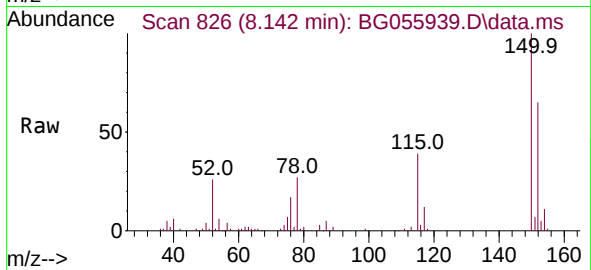




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

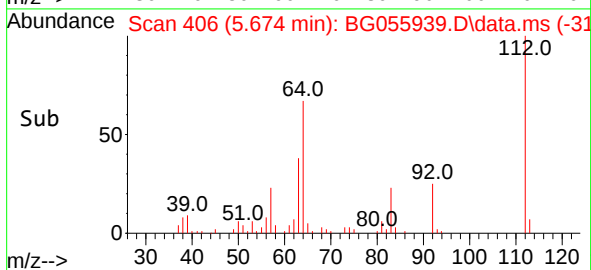
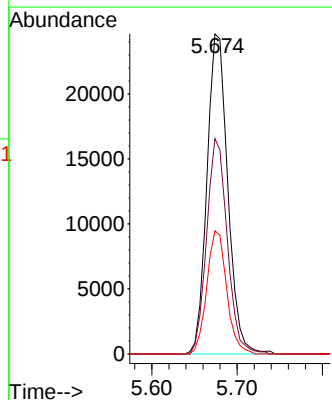
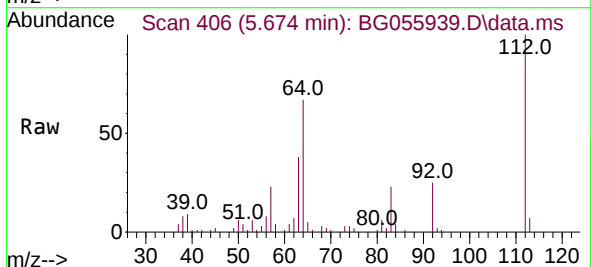
Instrument :
BNA_G
ClientSampleId :
RM-301

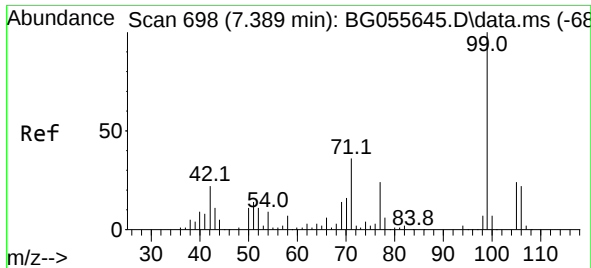
Tgt Ion:152 Resp: 42214
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.6
115 60.0 47.0 70.4



#5
2-Fluorophenol
Concen: 17.871 ng
RT: 5.674 min Scan# 406
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:112 Resp: 41737
Ion Ratio Lower Upper
112 100
64 67.3 50.6 76.0
63 38.5 27.5 41.3

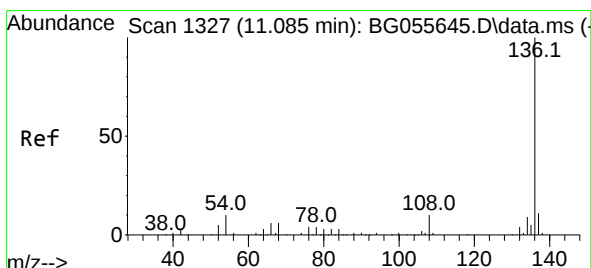
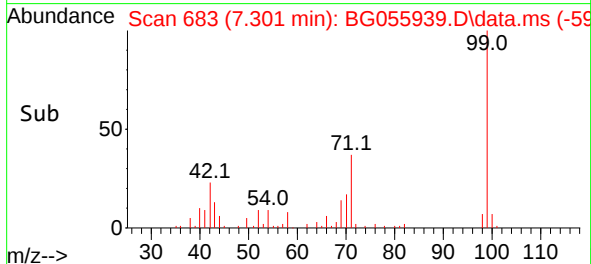
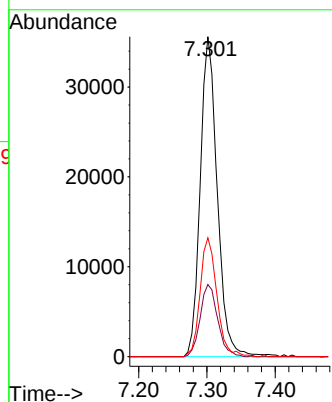
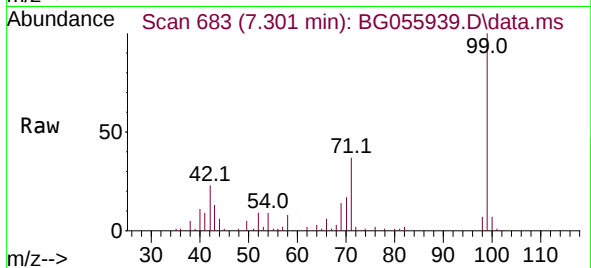




#7
Phenol-d6
Concen: 19.911 ng
RT: 7.301 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

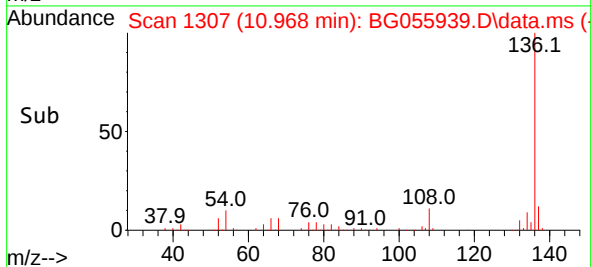
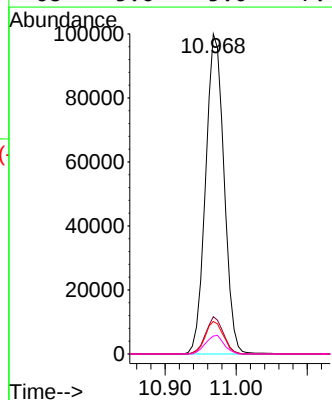
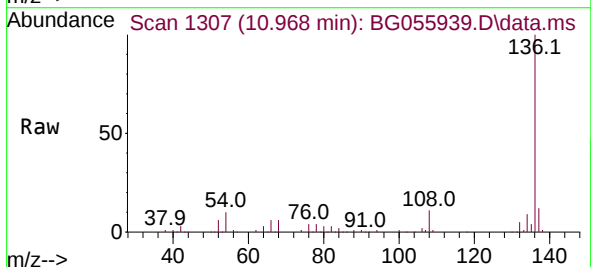
Instrument :
BNA_G
ClientSampleId :
RM-301

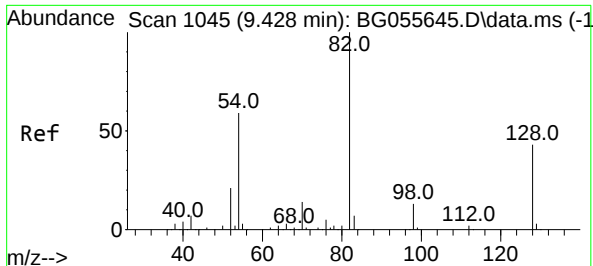
Tgt Ion: 99 Resp: 61901
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 37.1 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 1307
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:136 Resp: 179446
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.1 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 11.722 ng

RT: 9.317 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

RM-301

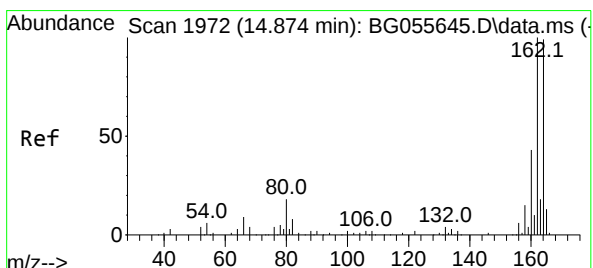
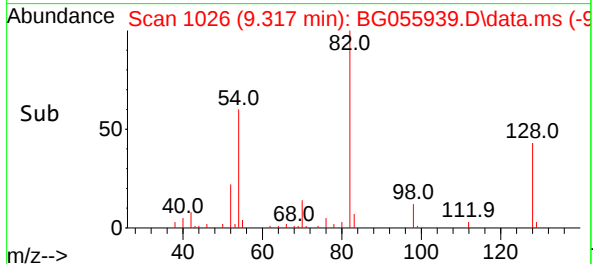
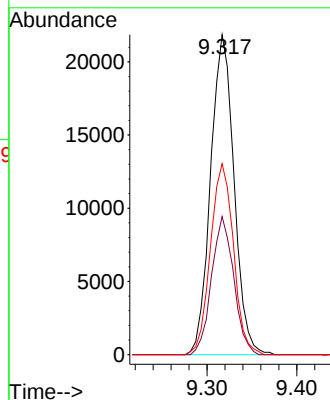
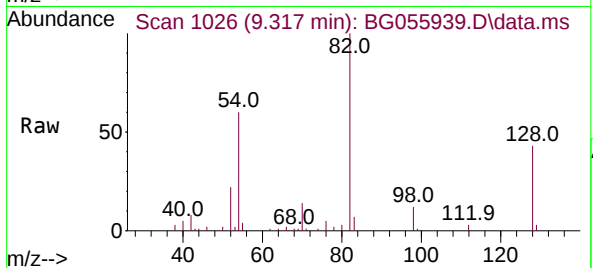
Tgt Ion: 82 Resp: 39798

Ion Ratio Lower Upper

82 100

128 43.1 34.1 51.1

54 59.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1955

Delta R.T. -0.005 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

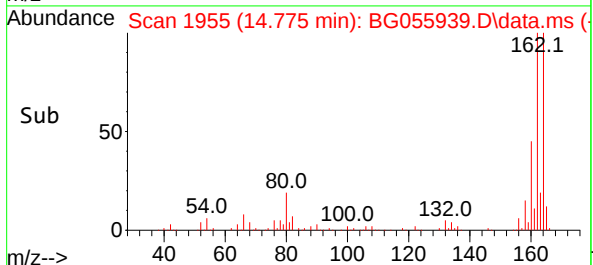
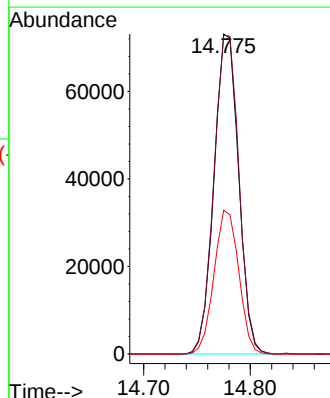
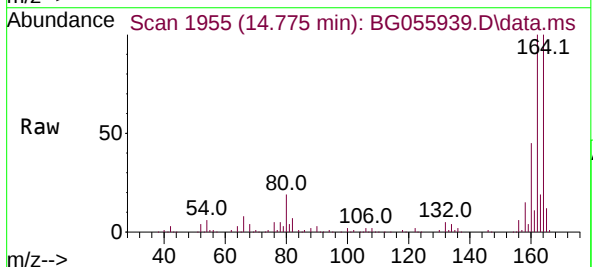
Tgt Ion:164 Resp: 117095

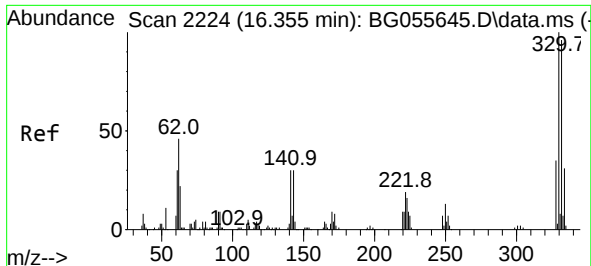
Ion Ratio Lower Upper

164 100

162 99.6 81.1 121.7

160 44.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 12.016 ng

RT: 16.267 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

Instrument :

BNA_G

ClientSampleId :

RM-301

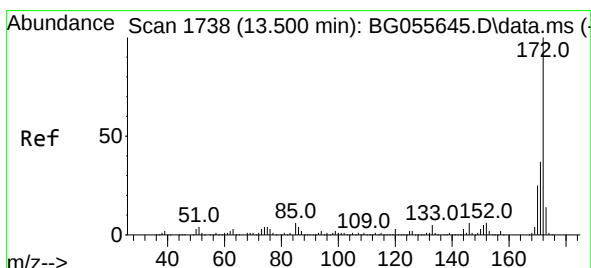
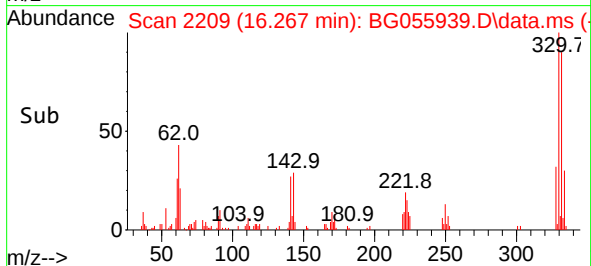
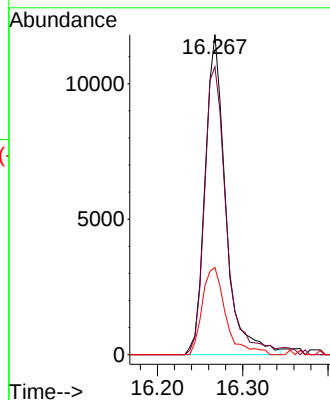
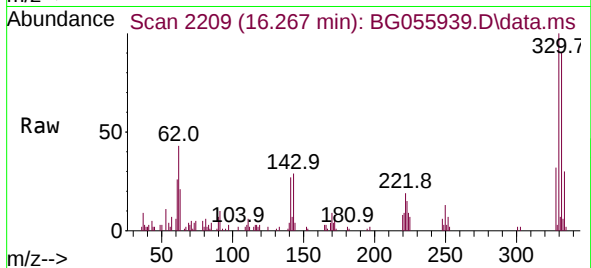
Tgt Ion:330 Resp: 19812

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

141 30.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 13.024 ng

RT: 13.400 min Scan# 1721

Delta R.T. -0.005 min

Lab File: BG055939.D

Acq: 8 Dec 2022 22:52

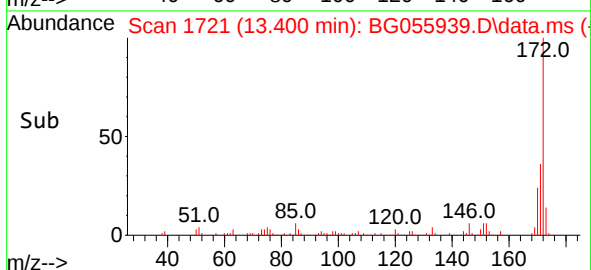
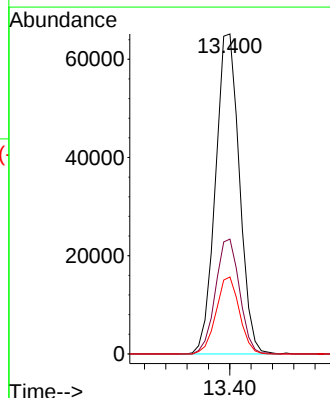
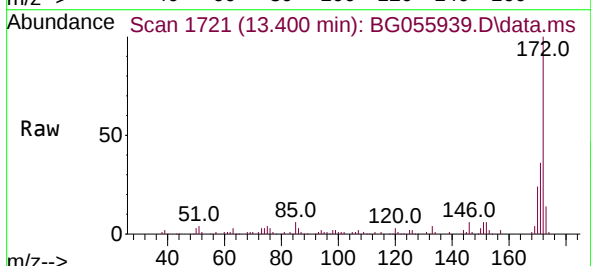
Tgt Ion:172 Resp: 101796

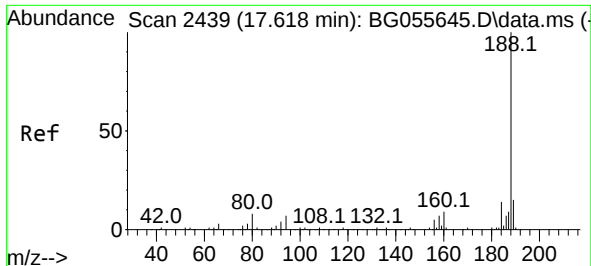
Ion Ratio Lower Upper

172 100

171 35.9 29.8 44.6

170 24.0 20.2 30.4

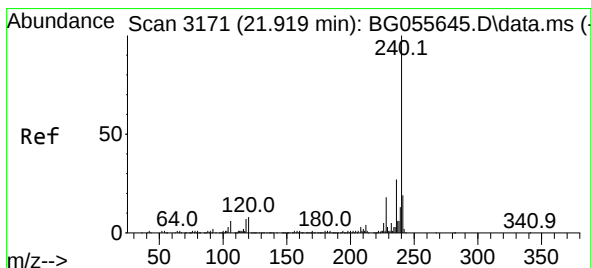
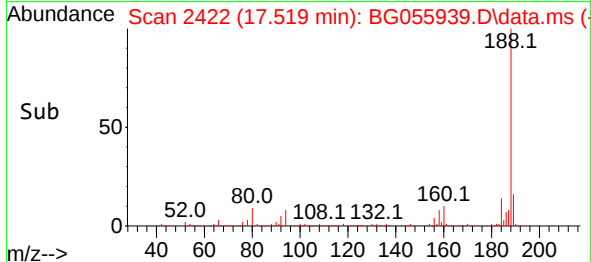
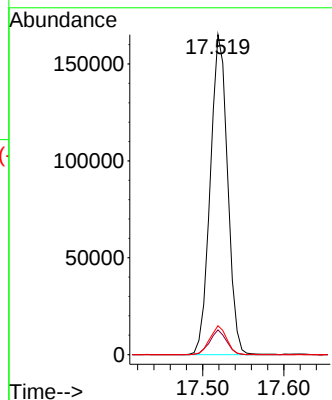
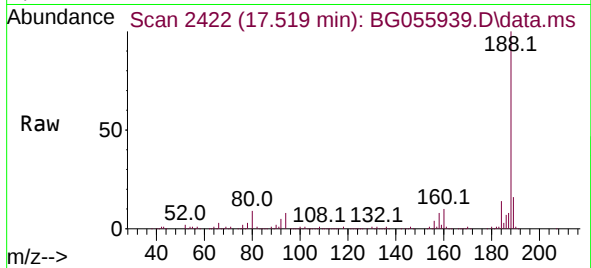




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.519 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

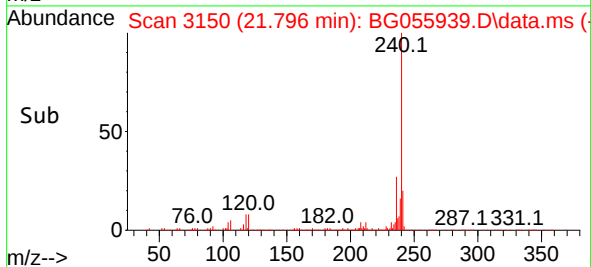
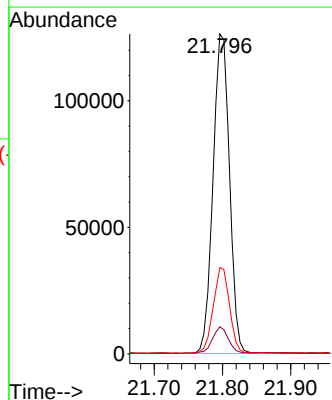
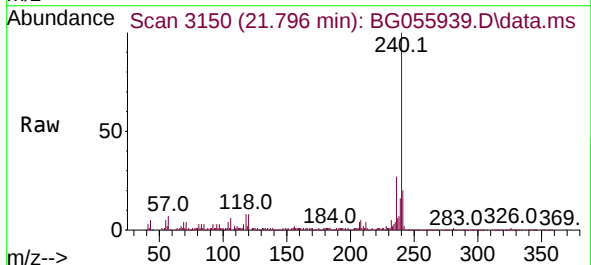
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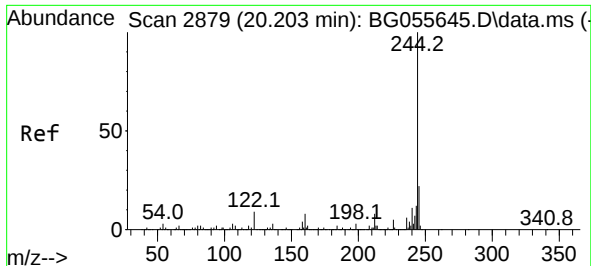
Tgt Ion:188 Resp: 245020
Ion Ratio Lower Upper
188 100
94 7.7 5.4 8.2
80 9.0 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.796 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BG055939.D
Acq: 8 Dec 2022 22:52

Tgt Ion:240 Resp: 211487
Ion Ratio Lower Upper
240 100
120 8.5 6.3 9.5
236 27.0 21.9 32.9

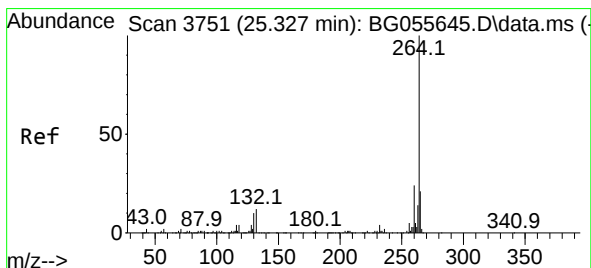
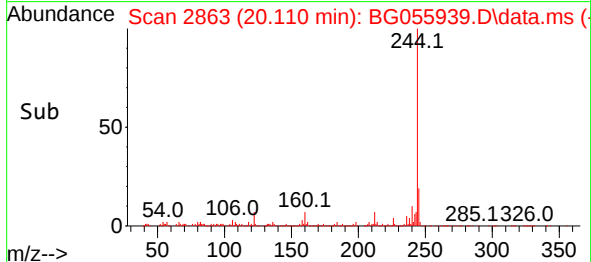
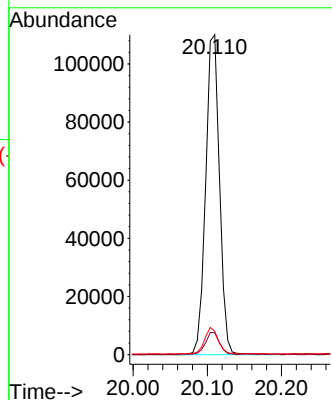
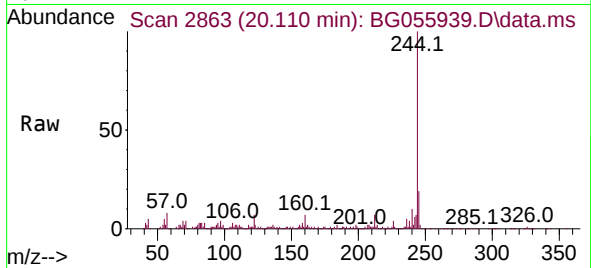




#79
 Terphenyl-d14
 Concen: 13.462 ng
 RT: 20.110 min Scan# 2879
 Delta R.T. 0.001 min
 Lab File: BG055939.D
 Acq: 8 Dec 2022 22:52

Instrument :
 BNA_G
 ClientSampleId :
 RM-301

Tgt Ion:244 Resp: 142339
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 7.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.133 min Scan# 3718
 Delta R.T. 0.001 min
 Lab File: BG055939.D
 Acq: 8 Dec 2022 22:52

Tgt Ion:264 Resp: 248021
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 21.5 17.1 25.7

