

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055571.D
 Acq On : 11 Nov 2022 18:02
 Operator : CG/JU
 Sample : N5531-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUP03

Quant Time: Nov 12 00:53:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	55094	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	216053	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	138264	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	339131	20.000	ng	0.00
76) Chrysene-d12	21.919	240	347505	20.000	ng	-0.01
86) Perylene-d12	25.344	264	368553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.802	112	478833	165.544	ng	0.01
7) Phenol-d6	7.406	99	612571	153.316	ng	0.00
23) Nitrobenzene-d5	9.439	82	375571	117.844	ng	0.00
42) 2,4,6-Tribromophenol	16.366	330	289941	214.923	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	802802	87.582	ng	0.00
79) Terphenyl-d14	20.215	244	1511696	87.375	ng	0.00

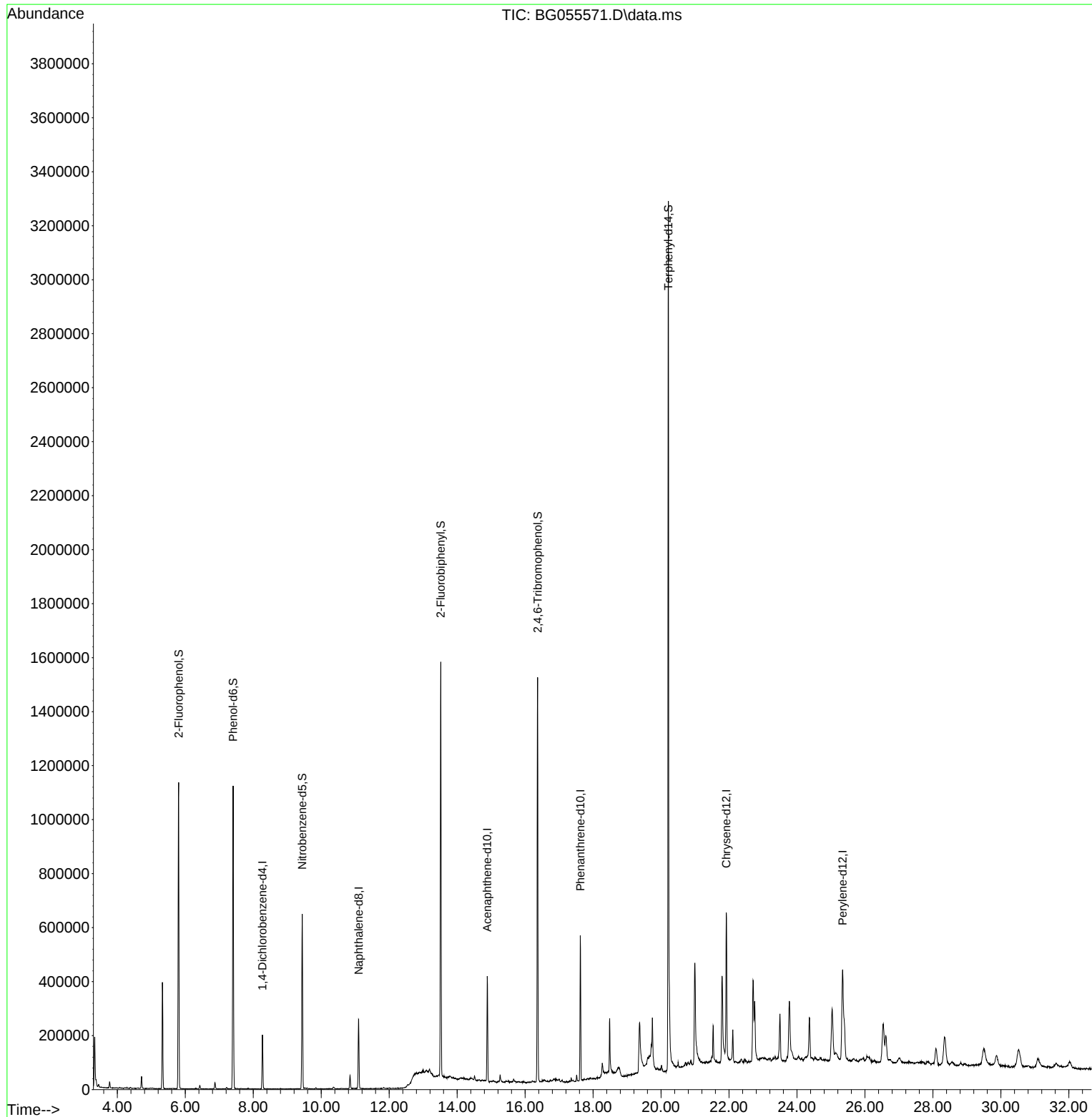
Target Compounds Qvalue

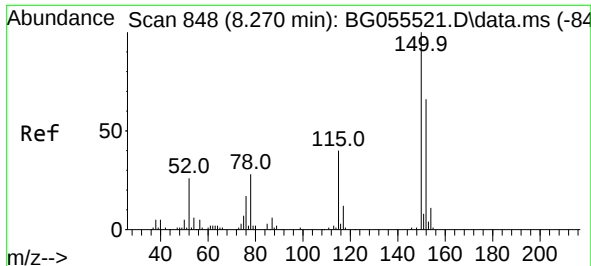
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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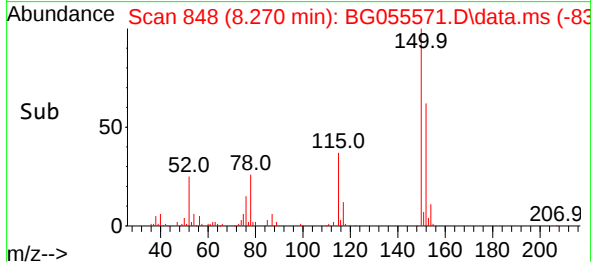
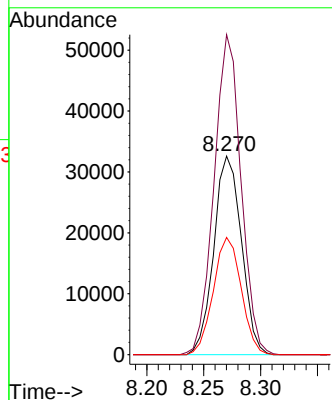
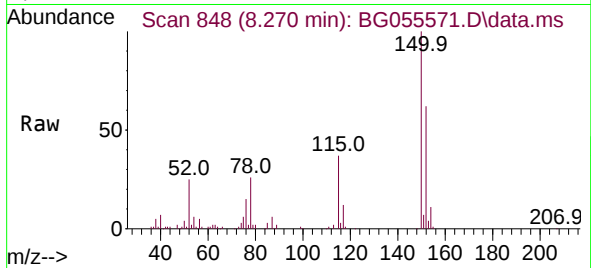




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

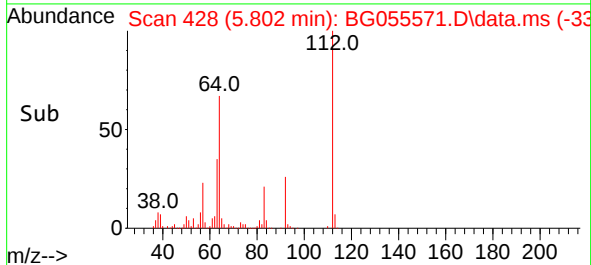
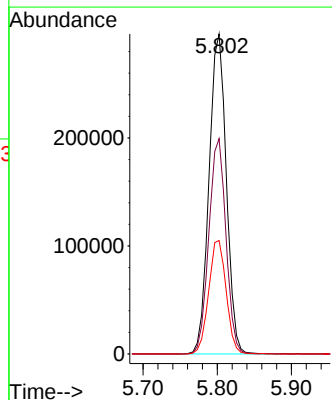
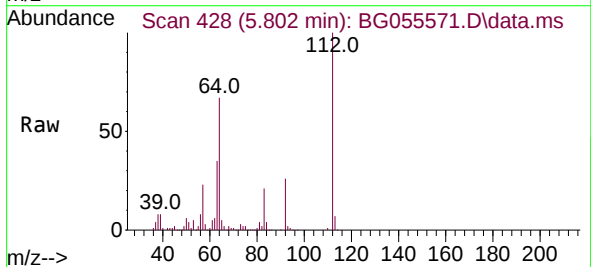
Instrument :
BNA_G
ClientSampleId :
DUP03

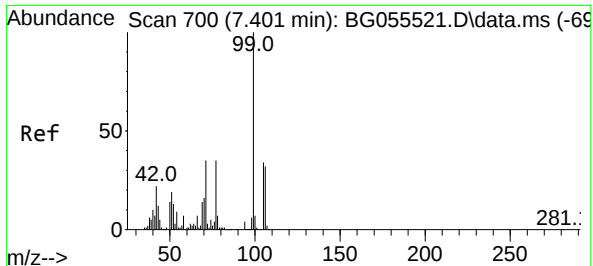
Tgt Ion:152 Resp: 55094
Ion Ratio Lower Upper
152 100
150 161.3 121.0 181.4
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 165.544 ng
RT: 5.802 min Scan# 428
Delta R.T. 0.011 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion:112 Resp: 478833
Ion Ratio Lower Upper
112 100
64 67.3 52.6 78.8
63 35.4 28.3 42.5

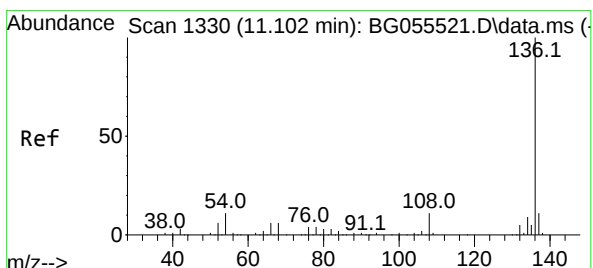
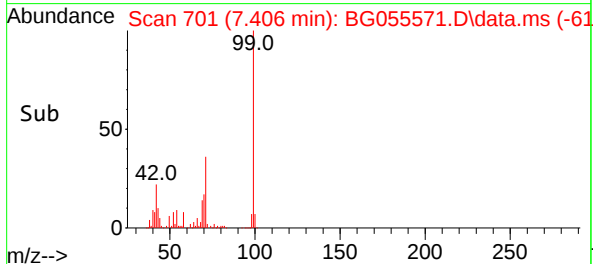
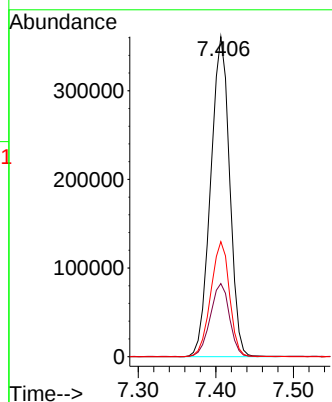
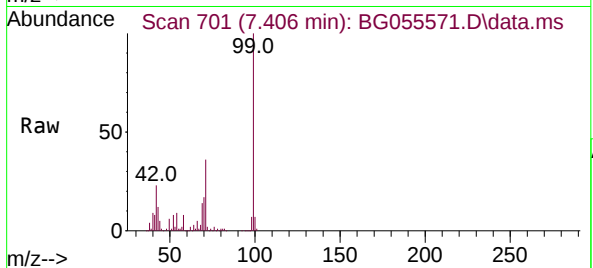




#7
Phenol-d6
Concen: 153.316 ng
RT: 7.406 min Scan# 700
Delta R.T. 0.005 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

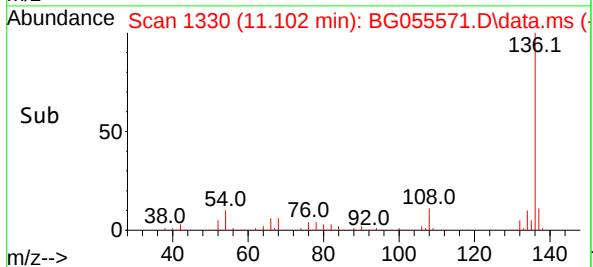
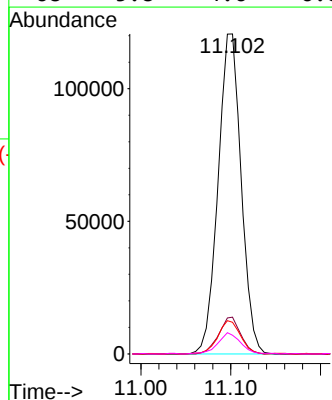
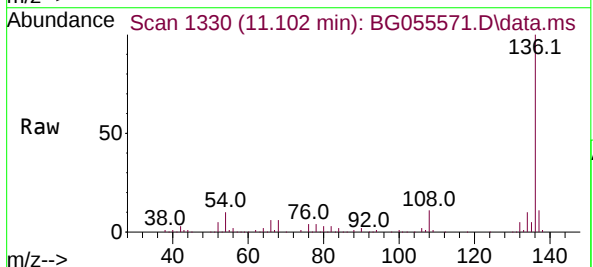
Instrument :
BNA_G
ClientSampleId :
DUP03

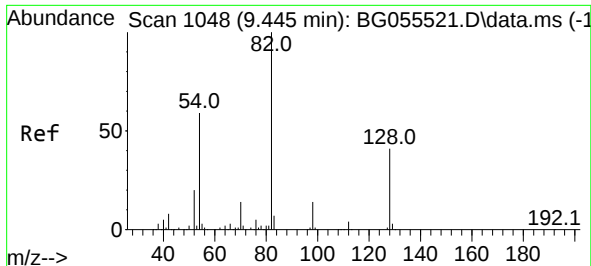
Tgt Ion: 99 Resp: 612571
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 36.0 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055571.D
Acq: 11 Nov 2022 18:02

Tgt Ion: 136 Resp: 216053
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.9 8.6 12.8
68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 117.844 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

Instrument :

BNA_G

ClientSampleId :

DUP03

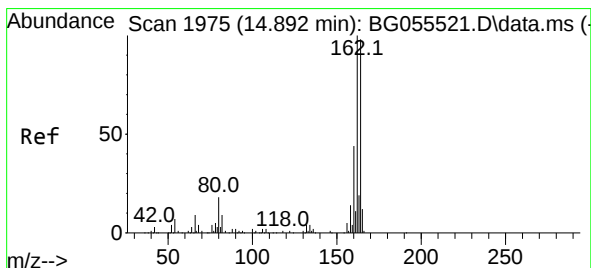
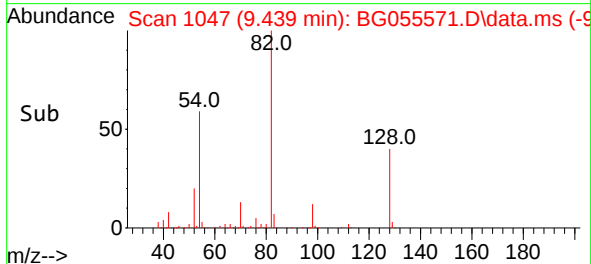
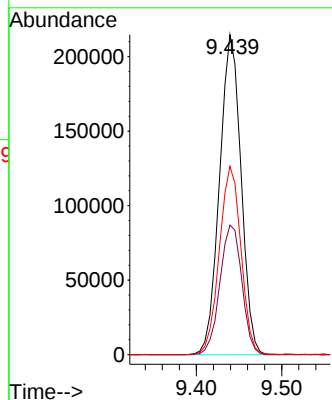
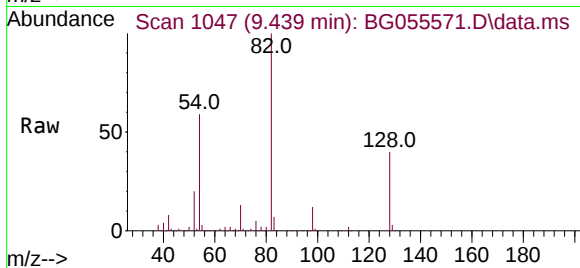
Tgt Ion: 82 Resp: 375571

Ion Ratio Lower Upper

82 100

128 40.5 32.6 49.0

54 58.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

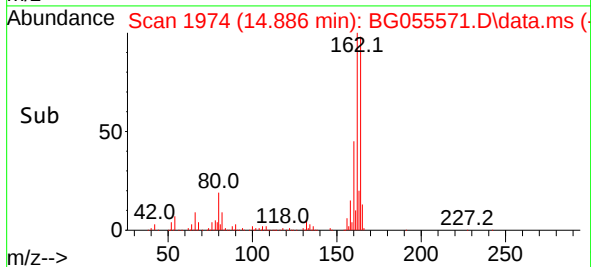
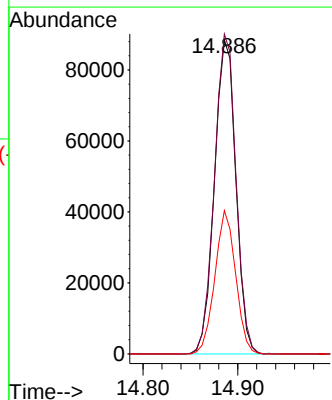
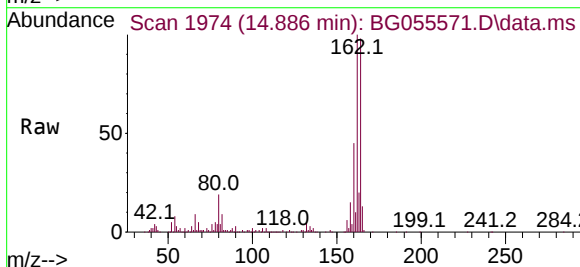
Tgt Ion:164 Resp: 138264

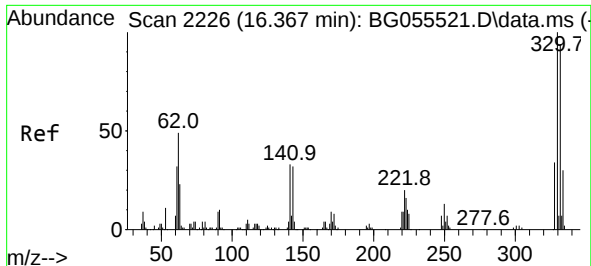
Ion Ratio Lower Upper

164 100

162 101.9 81.3 121.9

160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 214.923 ng

RT: 16.366 min Scan# 2226

Delta R.T. -0.001 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

Instrument :

BNA_G

ClientSampleId :

DUP03

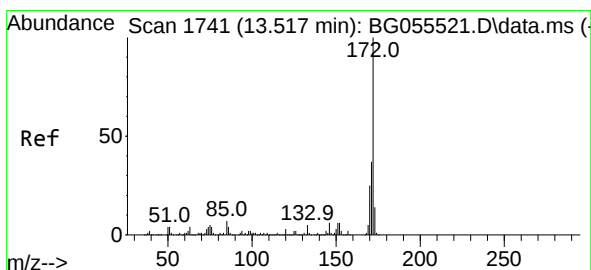
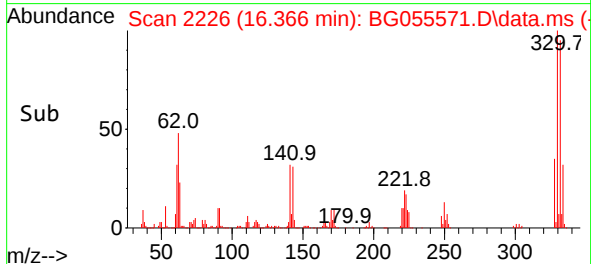
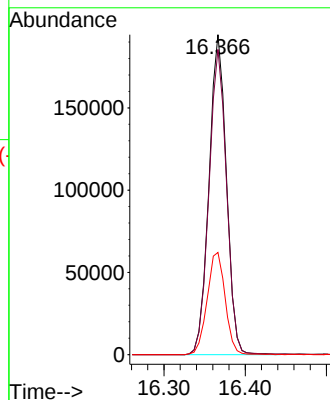
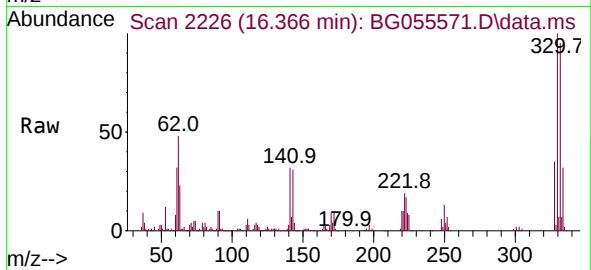
Tgt Ion:330 Resp: 289941

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

141 33.1 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 87.582 ng

RT: 13.517 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

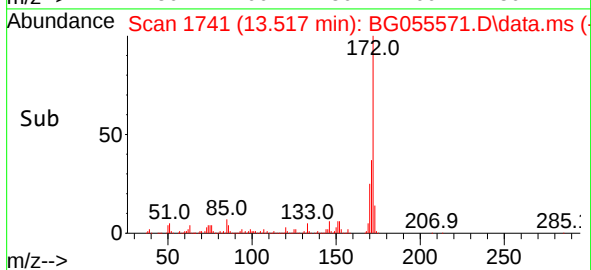
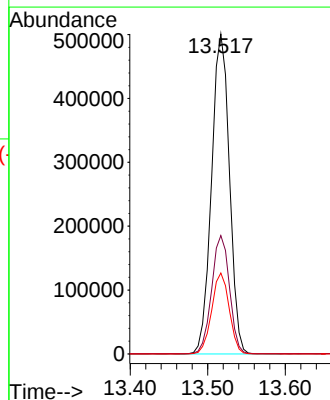
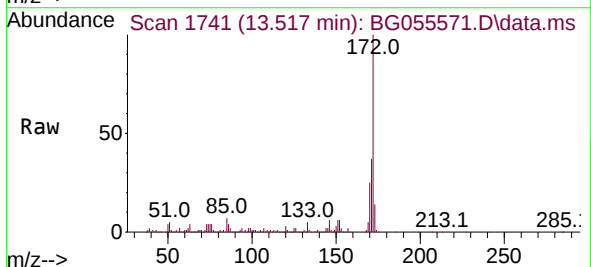
Tgt Ion:172 Resp: 802802

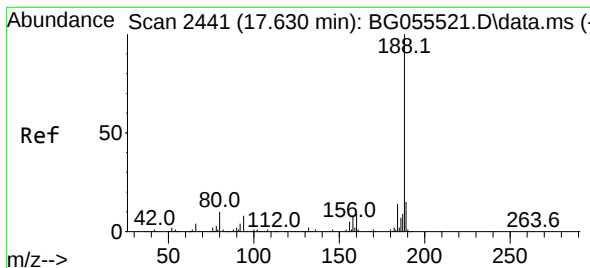
Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 25.3 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

Instrument :

BNA_G

ClientSampleId :

DUP03

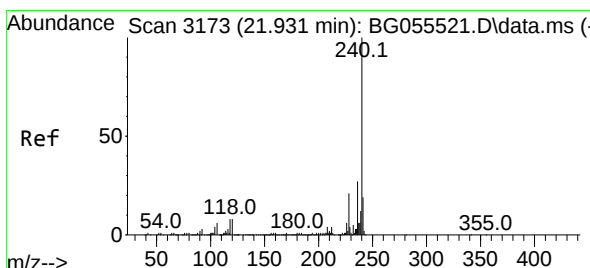
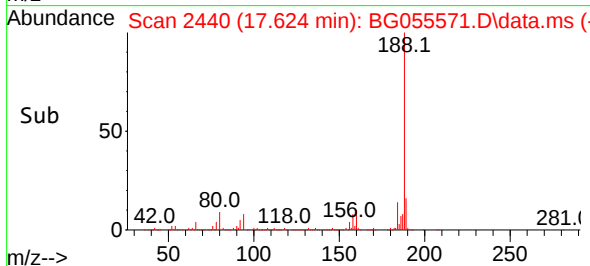
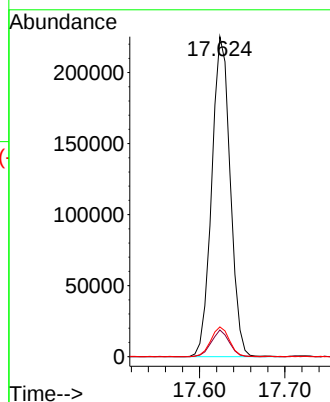
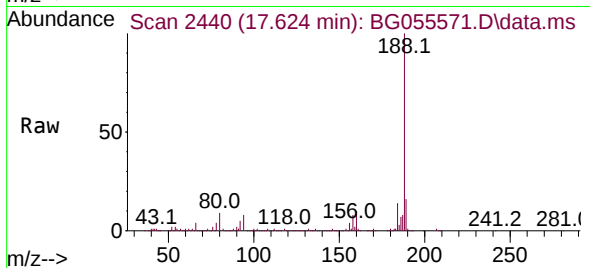
Tgt Ion:188 Resp: 339131

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3171

Delta R.T. -0.012 min

Lab File: BG055571.D

Acq: 11 Nov 2022 18:02

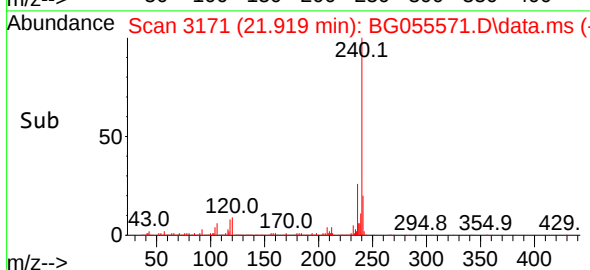
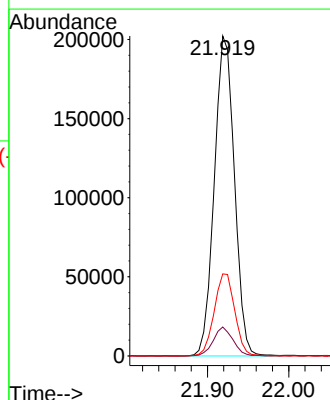
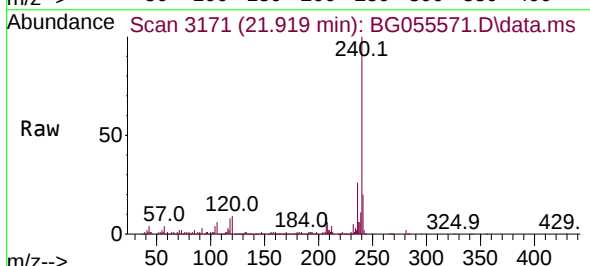
Tgt Ion:240 Resp: 347505

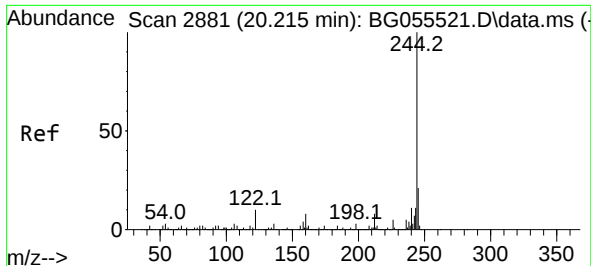
Ion Ratio Lower Upper

240 100

120 9.0 6.1 9.1

236 25.6 21.4 32.0

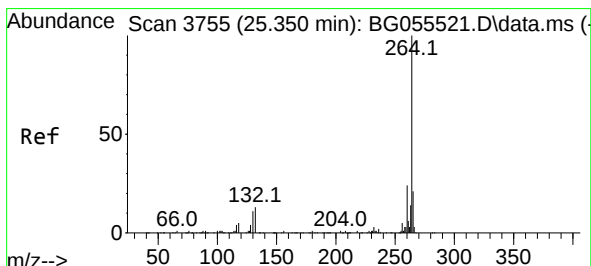
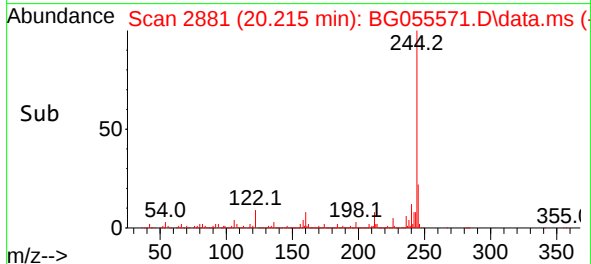
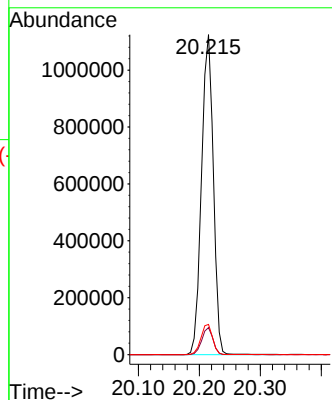
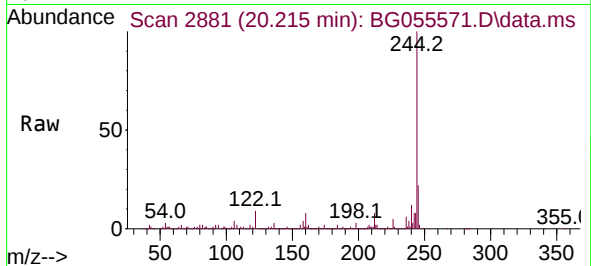




#79
 Terphenyl-d14
 Concen: 87.375 ng
 RT: 20.215 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BG055571.D
 Acq: 11 Nov 2022 18:02

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 1511696
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 9.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. -0.006 min
 Lab File: BG055571.D
 Acq: 11 Nov 2022 18:02

Tgt Ion:264 Resp: 368553
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.2 17.1 25.7

