

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055651.D
 Acq On : 16 Nov 2022 17:38
 Operator : CG/JU
 Sample : N5607-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-40B

Quant Time: Nov 17 02:11:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	39101	20.000	ng	0.00
21) Naphthalene-d8	11.079	136	170977	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	123534	20.000	ng	0.00
64) Phenanthrene-d10	17.613	188	273201	20.000	ng	0.00
76) Chrysene-d12	21.908	240	277690	20.000	ng	-0.01
86) Perylene-d12	25.321	264	294244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.780	112	326045	150.721	ng	0.00
7) Phenol-d6	7.390	99	437700	151.999	ng	0.00
23) Nitrobenzene-d5	9.422	82	266578	82.408	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	227649	130.869	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	685066	83.080	ng	0.00
79) Terphenyl-d14	20.204	244	1084621	78.122	ng	0.00

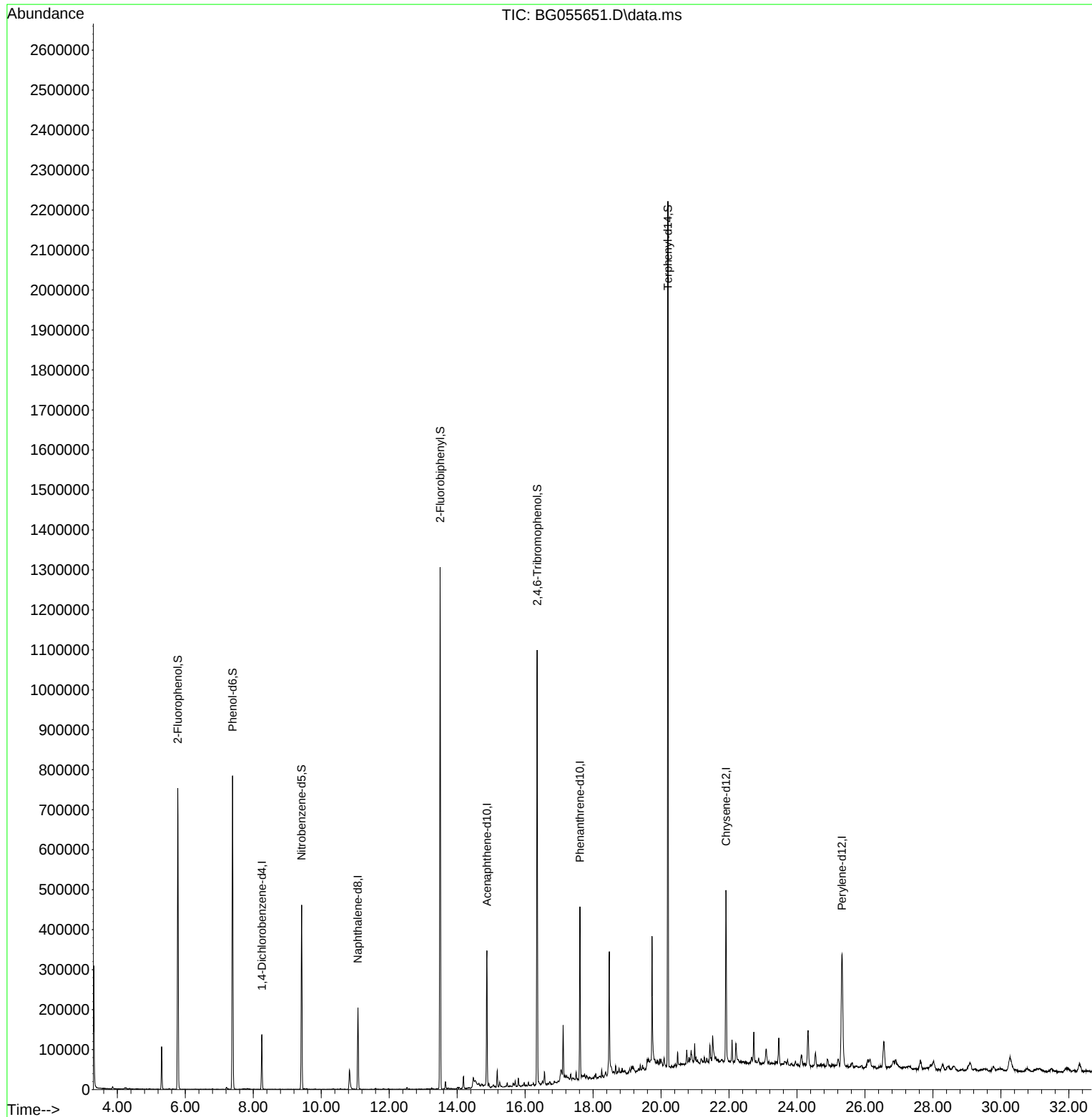
Target Compounds Qvalue

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

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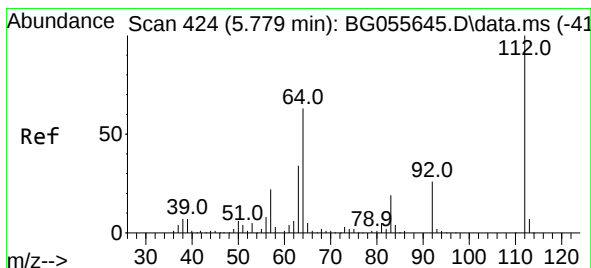
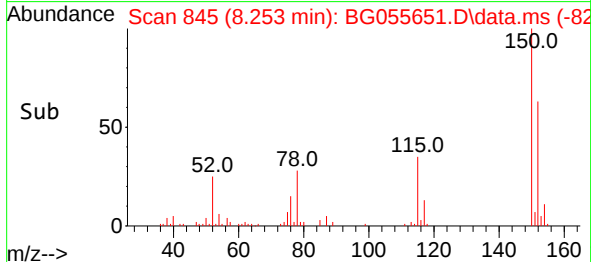
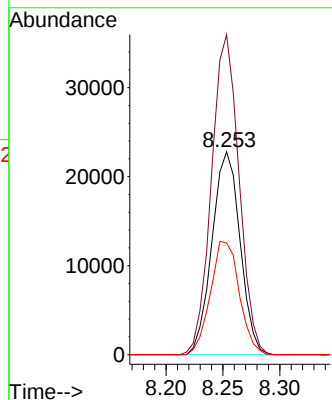
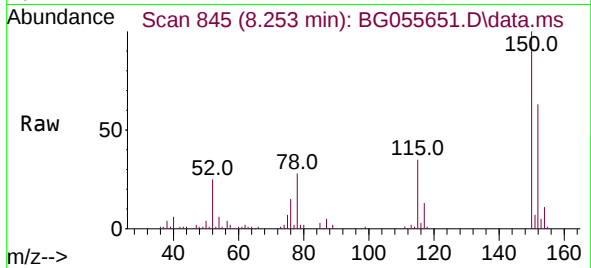




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.253 min Scan# 845
Delta R.T. 0.000 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

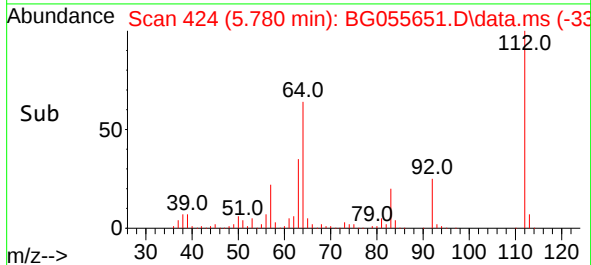
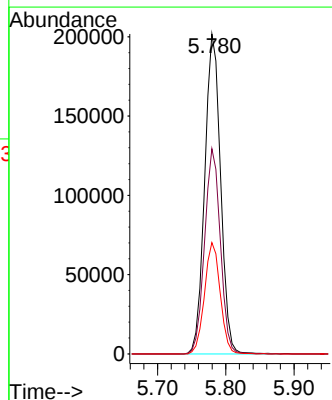
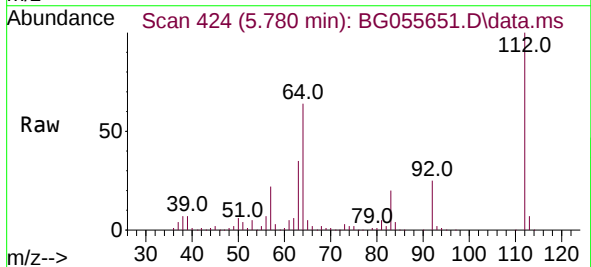
Instrument :
BNA_G
ClientSampleId :
SB-40B

Tgt Ion:152 Resp: 39101
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.6
115 55.1 47.0 70.4



#5
2-Fluorophenol
Concen: 150.721 ng
RT: 5.780 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:112 Resp: 326045
Ion Ratio Lower Upper
112 100
64 64.1 50.6 76.0
63 34.8 27.5 41.3

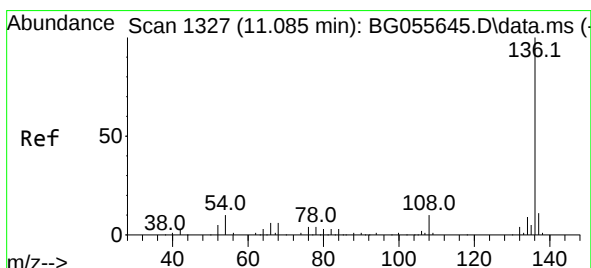
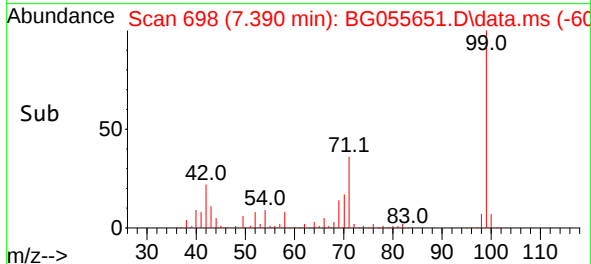
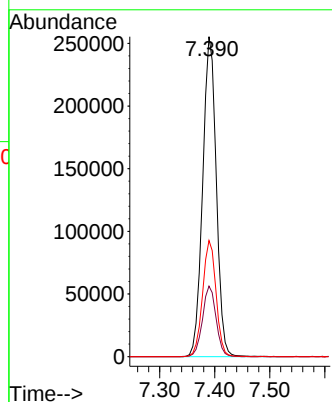
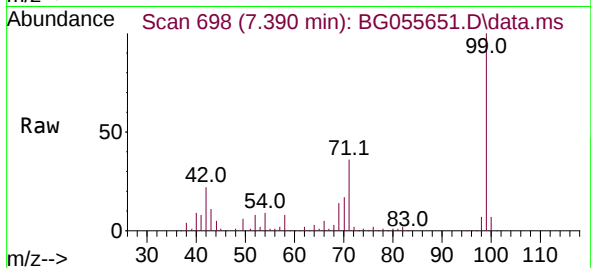




#7
Phenol-d6
Concen: 151.999 ng
RT: 7.390 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

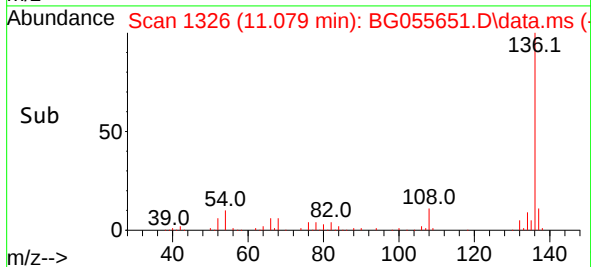
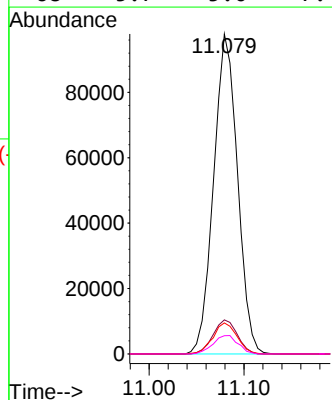
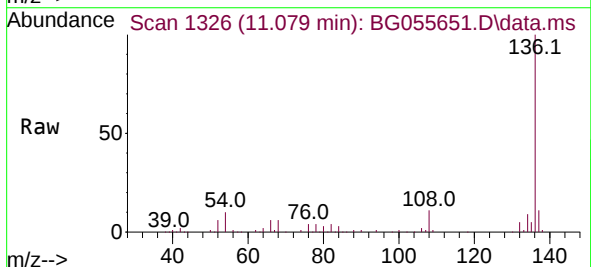
Instrument :
BNA_G
ClientSampleId :
SB-40B

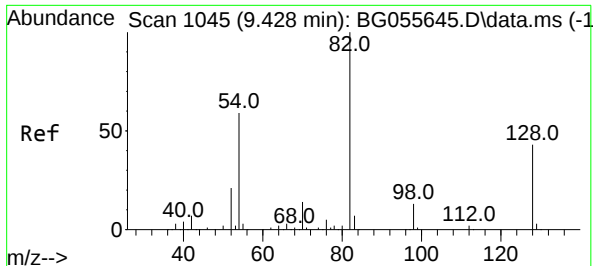
Tgt Ion: 99 Resp: 437700
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.3 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.079 min Scan# 1326
Delta R.T. -0.005 min
Lab File: BG055651.D
Acq: 16 Nov 2022 17:38

Tgt Ion:136 Resp: 170977
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 9.7 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 82.408 ng

RT: 9.422 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

Instrument :

BNA_G

ClientSampleId :

SB-40B

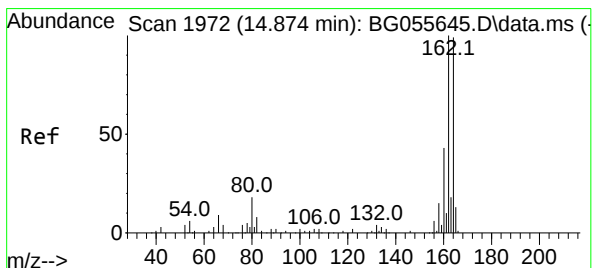
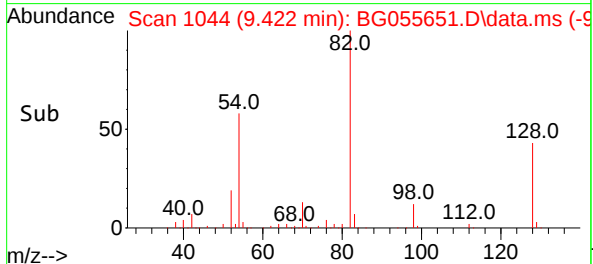
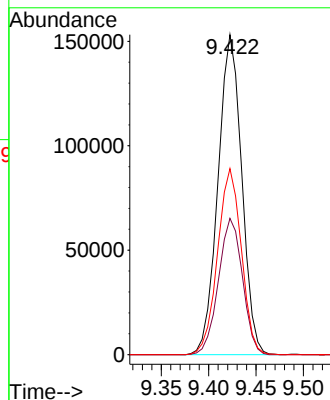
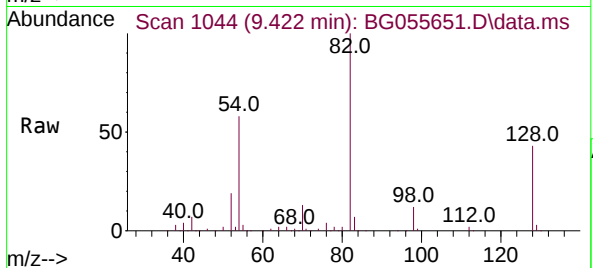
Tgt Ion: 82 Resp: 266578

Ion Ratio Lower Upper

82 100

128 42.6 34.1 51.1

54 58.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. 0.000 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

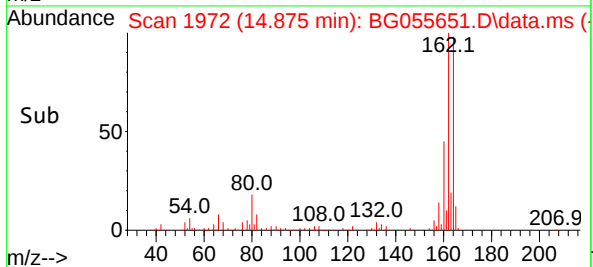
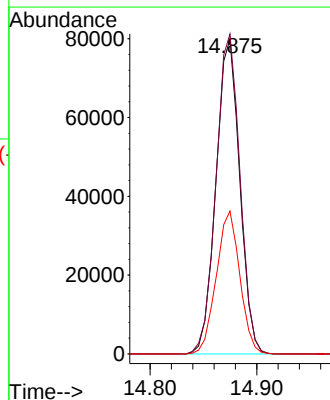
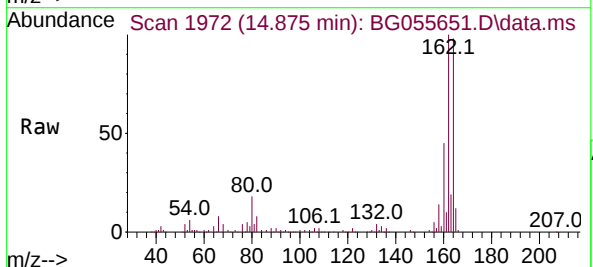
Tgt Ion:164 Resp: 123534

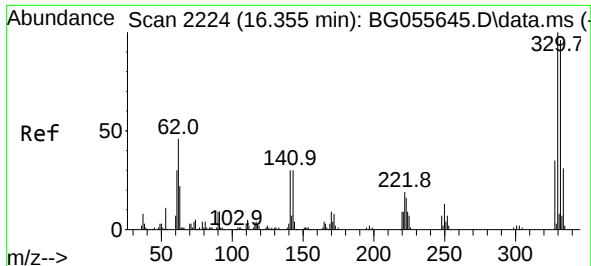
Ion Ratio Lower Upper

164 100

162 101.6 81.1 121.7

160 45.4 34.8 52.2

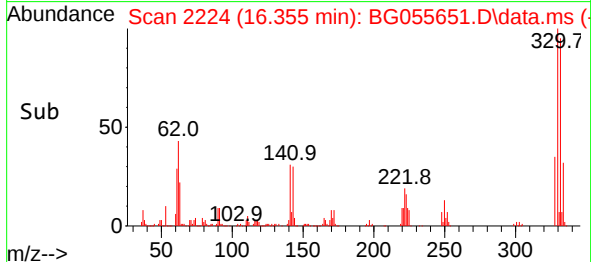
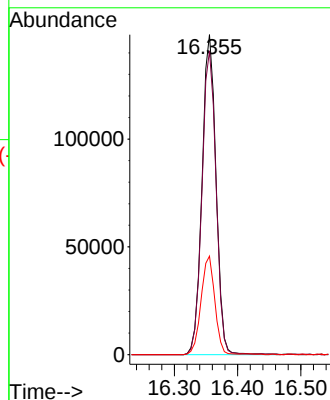
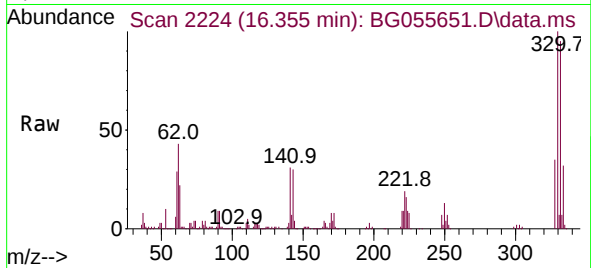




#42
 2,4,6-Tribromophenol
 Concen: 130.869 ng
 RT: 16.355 min Scan# 2224
 Delta R.T. 0.000 min
 Lab File: BG055651.D
 Acq: 16 Nov 2022 17:38

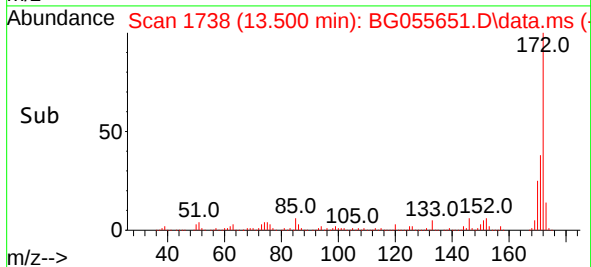
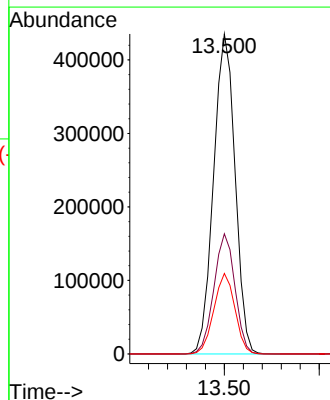
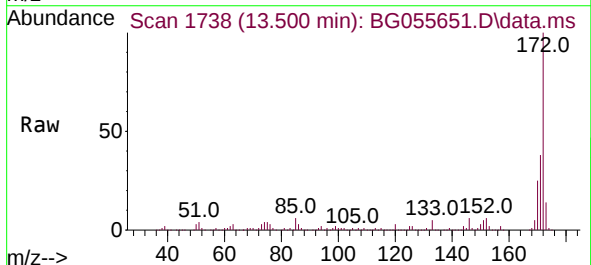
Instrument :
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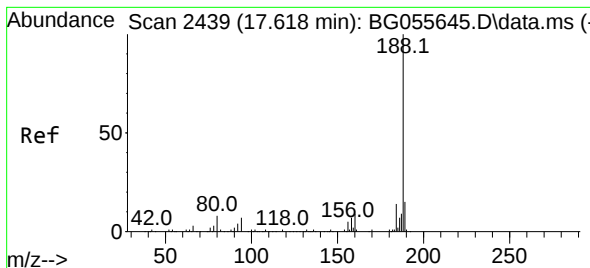
Tgt Ion:330 Resp: 227649
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.8
 141 30.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 83.080 ng
 RT: 13.500 min Scan# 1738
 Delta R.T. 0.001 min
 Lab File: BG055651.D
 Acq: 16 Nov 2022 17:38

Tgt Ion:172 Resp: 685066
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 25.1 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.613 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

Instrument :

BNA_G

ClientSampleId :

SB-40B

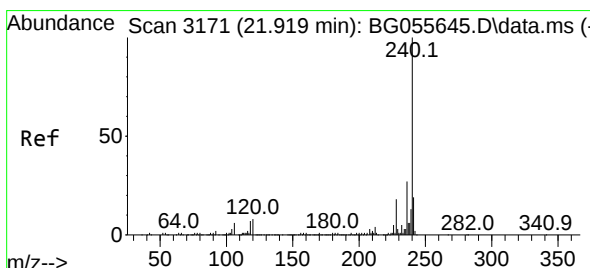
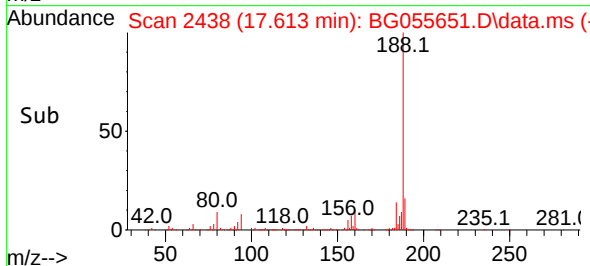
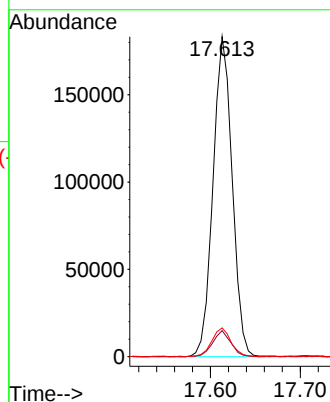
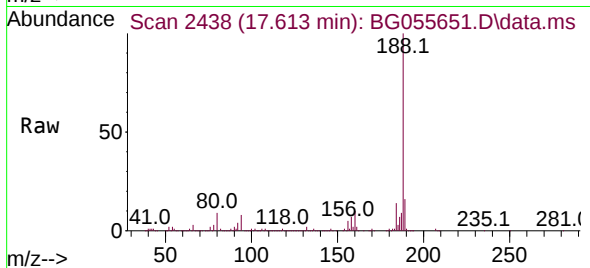
Tgt Ion:188 Resp: 273201

Ion Ratio Lower Upper

188 100

94 8.1 5.4 8.2

80 9.0 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.908 min Scan# 3169

Delta R.T. -0.011 min

Lab File: BG055651.D

Acq: 16 Nov 2022 17:38

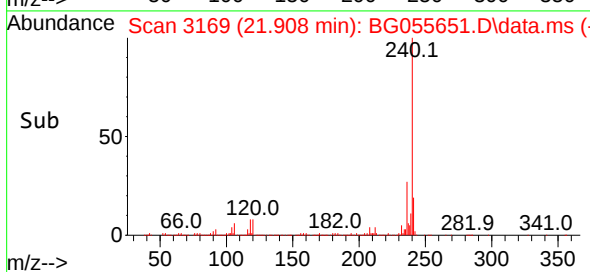
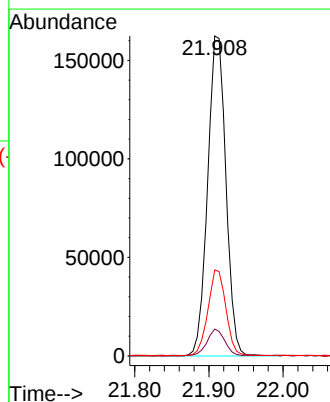
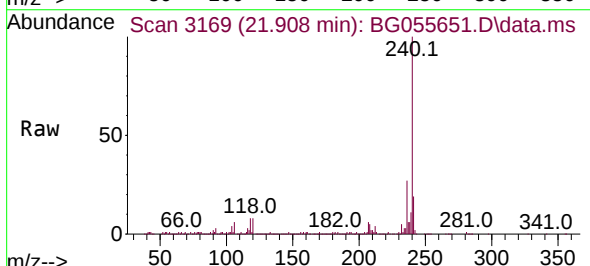
Tgt Ion:240 Resp: 277690

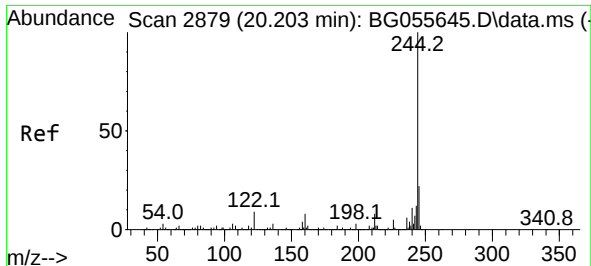
Ion Ratio Lower Upper

240 100

120 8.4 6.3 9.5

236 26.9 21.9 32.9

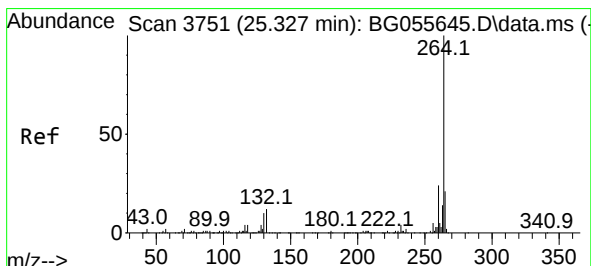
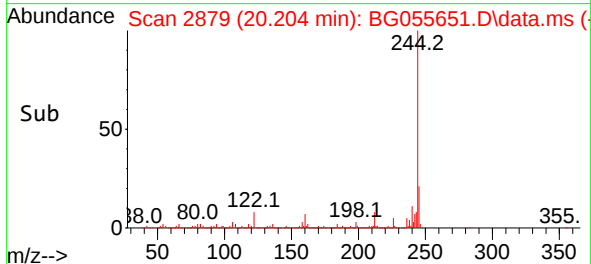
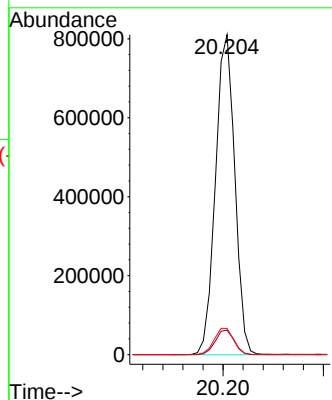
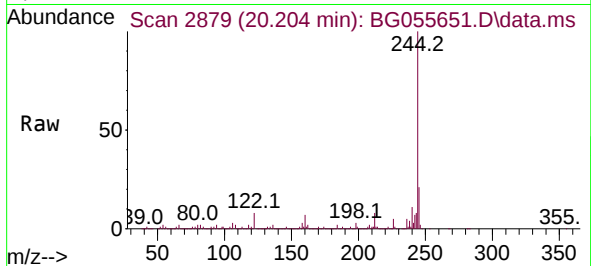




#79
 Terphenyl-d14
 Concen: 78.122 ng
 RT: 20.204 min Scan# 2879
 Delta R.T. 0.001 min
 Lab File: BG055651.D
 Acq: 16 Nov 2022 17:38

Instrument :
 BNA_G
 ClientSampleId :
 SB-40B

Tgt Ion:244 Resp: 1084621
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.2 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.321 min Scan# 3750
 Delta R.T. -0.005 min
 Lab File: BG055651.D
 Acq: 16 Nov 2022 17:38

Tgt Ion:264 Resp: 294244
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 17.1 25.7

