

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120822\
 Data File : BG055932.D
 Acq On : 8 Dec 2022 18:05
 Operator : CG/JU
 Sample : N5883-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-18

Quant Time: Dec 09 08:11:35 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	8.137	152	23407	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	94263	20.000	ng	0.00
39) Acenaphthene-d10	14.777	164	68101	20.000	ng	0.00
64) Phenanthrene-d10	17.520	188	202897	20.000	ng	0.00
76) Chrysene-d12	21.798	240	201530	20.000	ng	0.00
86) Perylene-d12	25.129	264	219100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.676	112	189344	146.214	ng	0.00
7) Phenol-d6	7.303	99	222788	129.240	ng	0.00
23) Nitrobenzene-d5	9.318	82	177952	99.781	ng	0.00
42) 2,4,6-Tribromophenol	16.263	330	166992	174.140	ng	0.00
45) 2-Fluorobiphenyl	13.396	172	448939	98.760	ng	0.00
79) Terphenyl-d14	20.112	244	1076105	106.800	ng	0.00

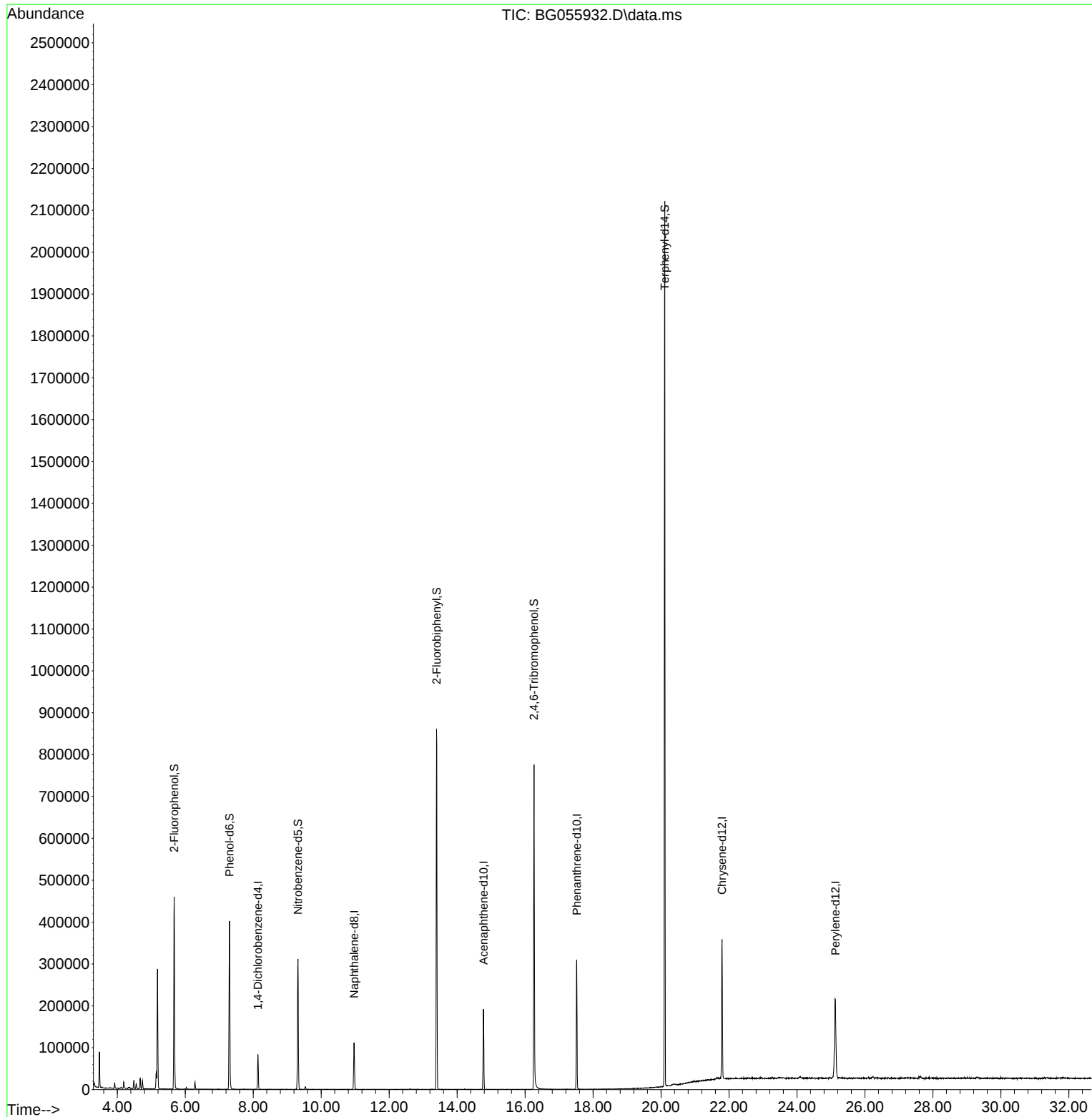
Target Compounds	Qvalue

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

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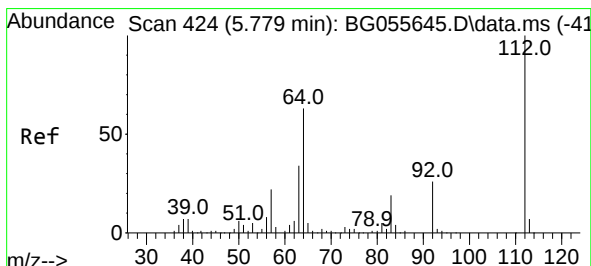
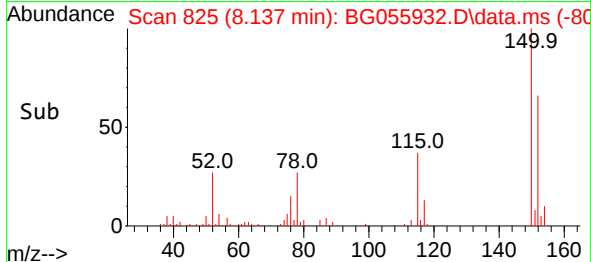
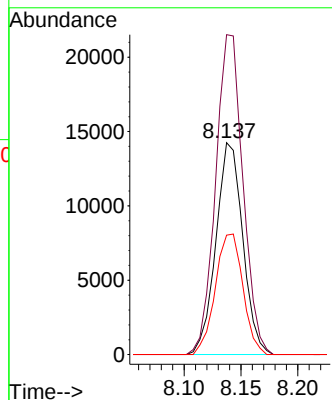
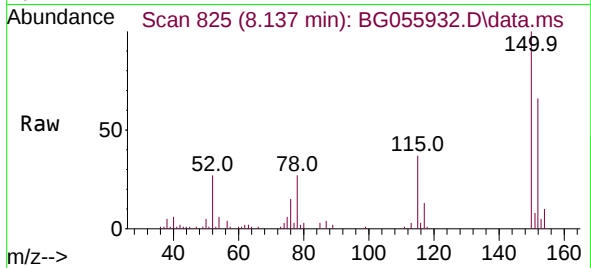




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

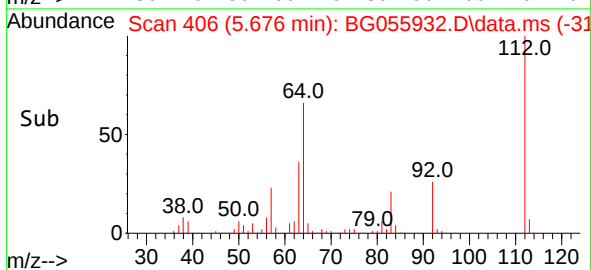
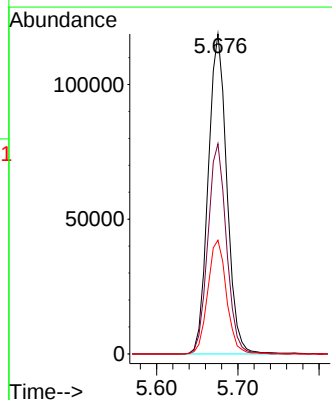
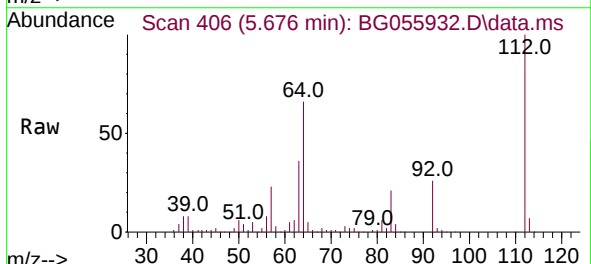
Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion:152 Resp: 23407
Ion Ratio Lower Upper
152 100
150 151.0 123.0 184.6
115 56.4 47.0 70.4



#5
2-Fluorophenol
Concen: 146.214 ng
RT: 5.676 min Scan# 406
Delta R.T. 0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:112 Resp: 189344
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 35.5 27.5 41.3

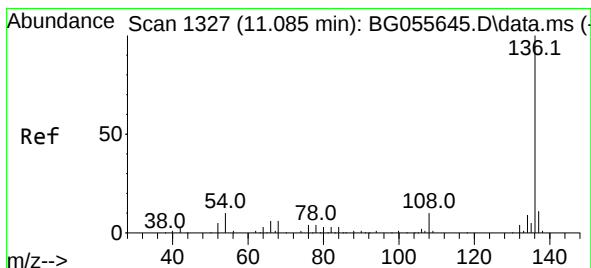
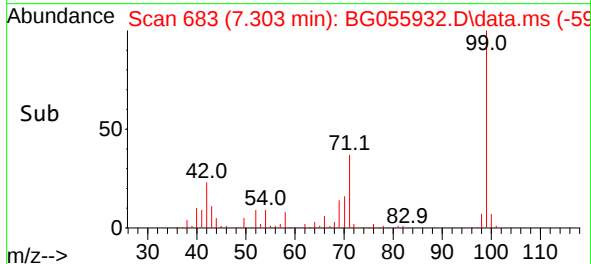
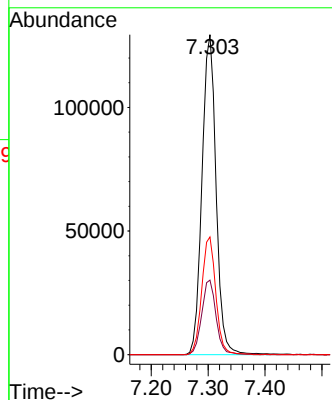
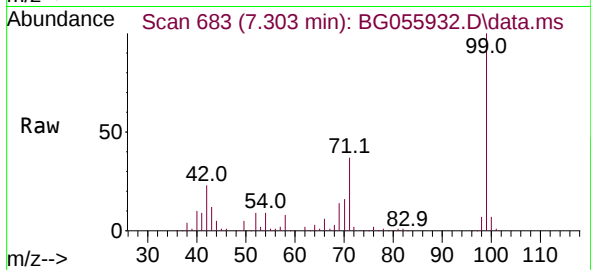




#7
Phenol-d6
Concen: 129.240 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

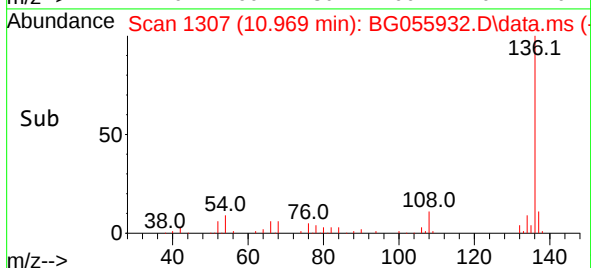
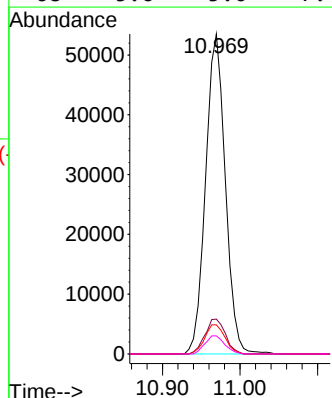
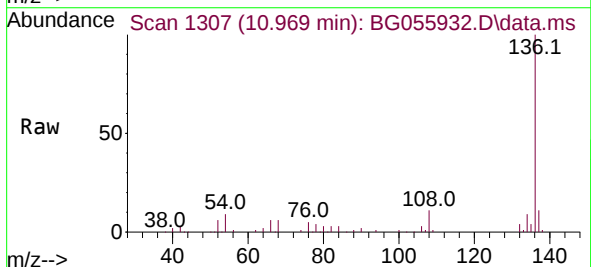
Instrument :
BNA_G
ClientSampleId :
MH-18

Tgt Ion: 99 Resp: 222788
Ion Ratio Lower Upper
99 100
42 23.3 18.0 27.0
71 36.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1307
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:136 Resp: 94263
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.1 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.781 ng

RT: 9.318 min Scan# 1045

Delta R.T. -0.003 min

Lab File: BG055932.D

Acq: 8 Dec 2022 18:05

Instrument :

BNA_G

ClientSampleId :

MH-18

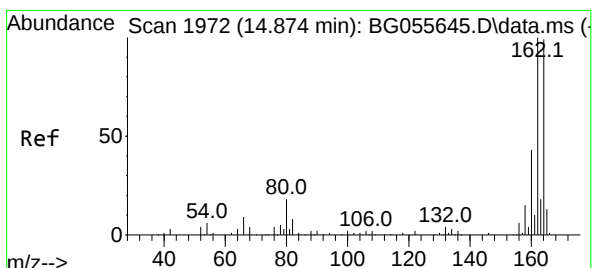
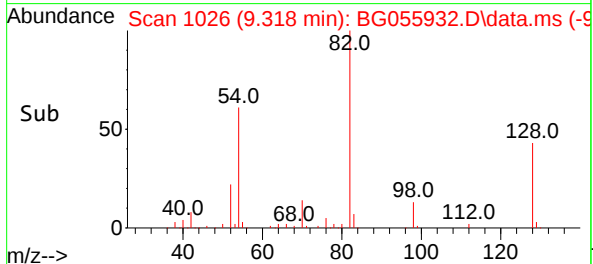
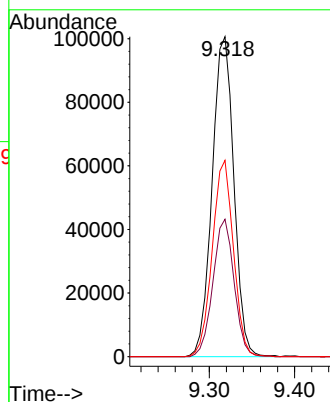
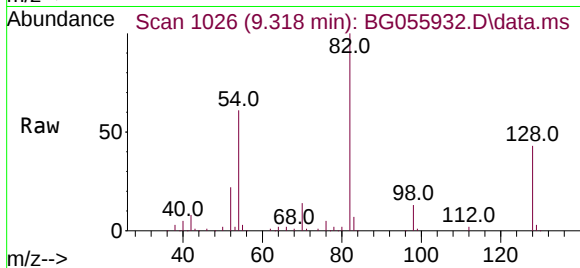
Tgt Ion: 82 Resp: 177952

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

54 61.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.777 min Scan# 1955

Delta R.T. -0.003 min

Lab File: BG055932.D

Acq: 8 Dec 2022 18:05

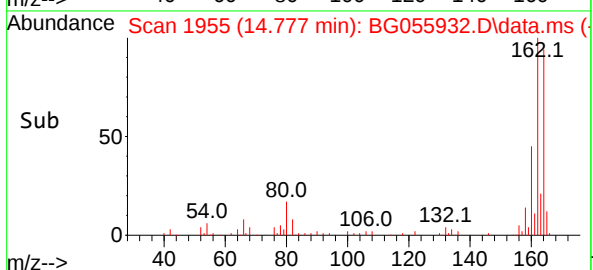
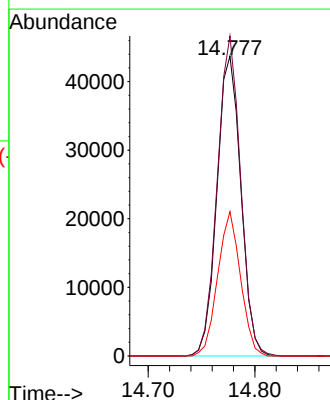
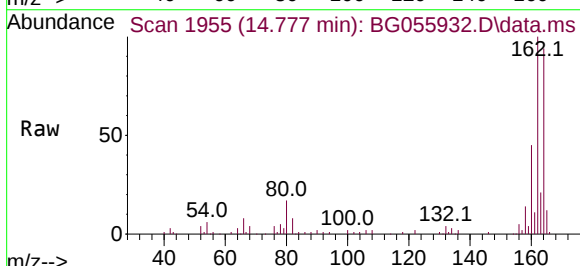
Tgt Ion: 164 Resp: 68101

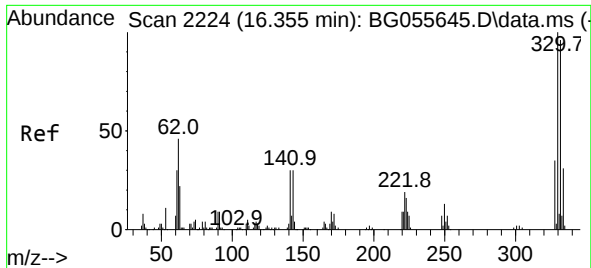
Ion Ratio Lower Upper

164 100

162 106.8 81.1 121.7

160 48.1 34.8 52.2

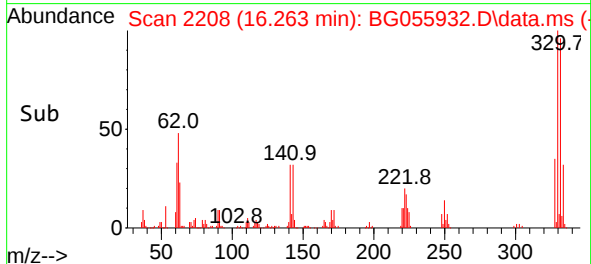
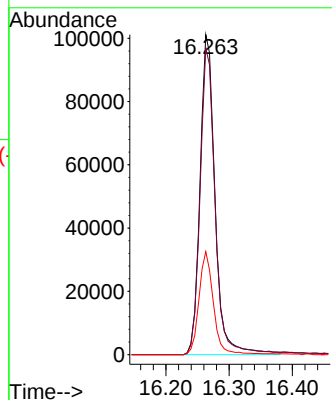
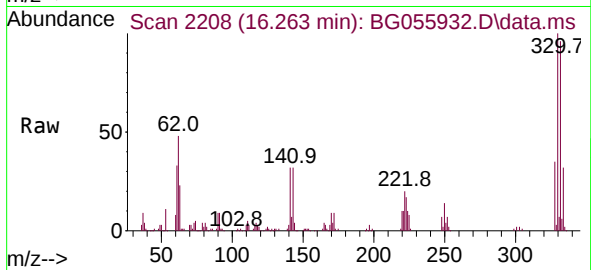




#42
 2,4,6-Tribromophenol
 Concen: 174.140 ng
 RT: 16.263 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055932.D
 Acq: 8 Dec 2022 18:05

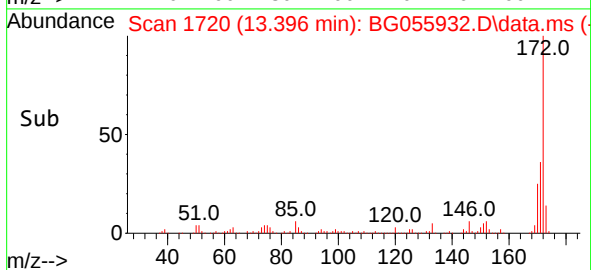
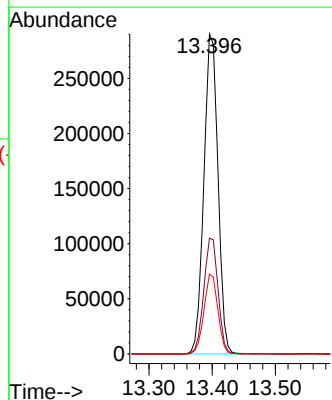
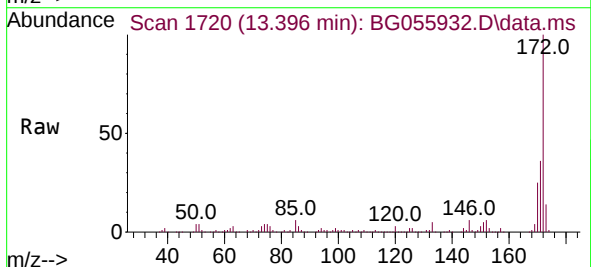
Instrument :
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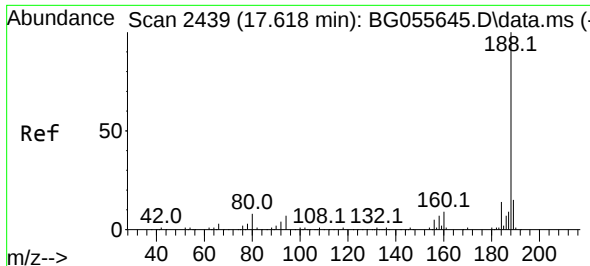
Tgt Ion:330 Resp: 166992
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.8
 141 31.4 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 98.760 ng
 RT: 13.396 min Scan# 1720
 Delta R.T. -0.009 min
 Lab File: BG055932.D
 Acq: 8 Dec 2022 18:05

Tgt Ion:172 Resp: 448939
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.8 44.6
 170 24.9 20.2 30.4

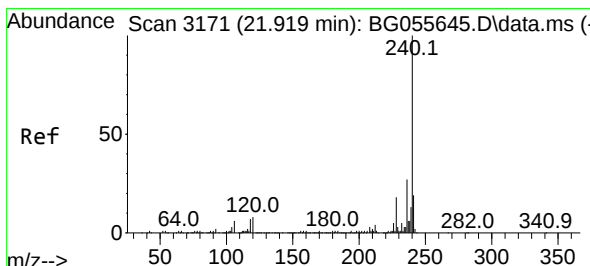
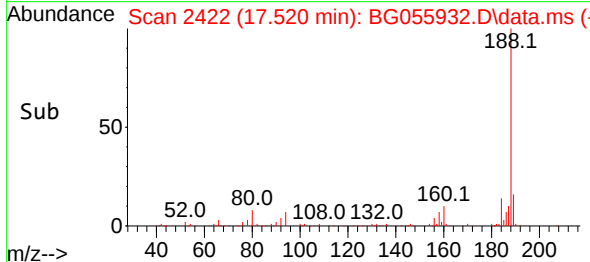
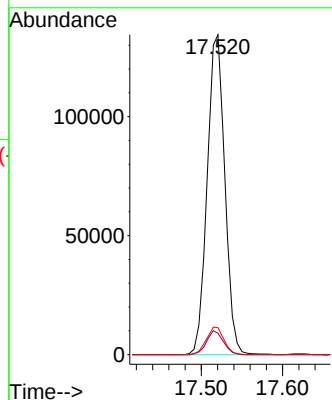
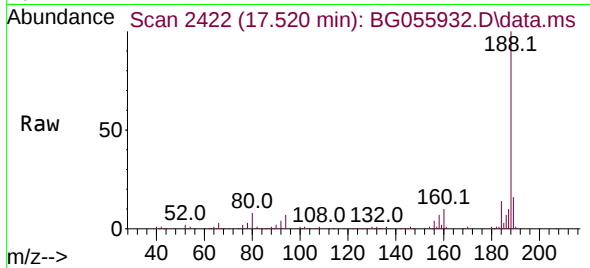




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.520 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

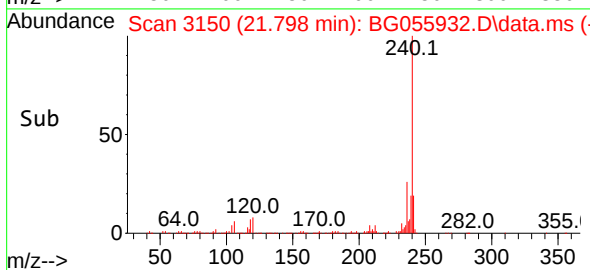
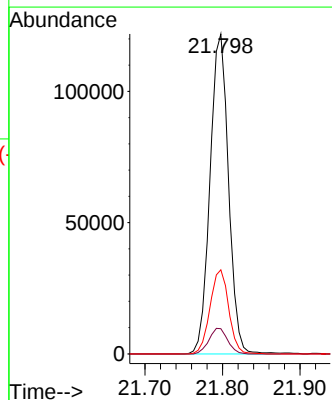
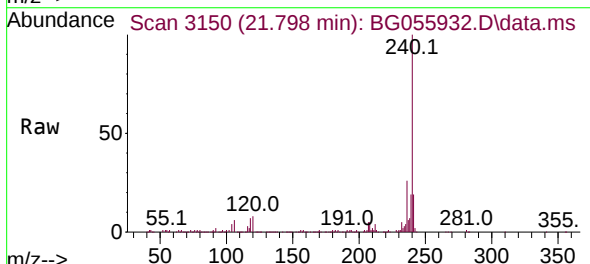
Instrument :
BNA_G
ClientSampleId :
MH-18

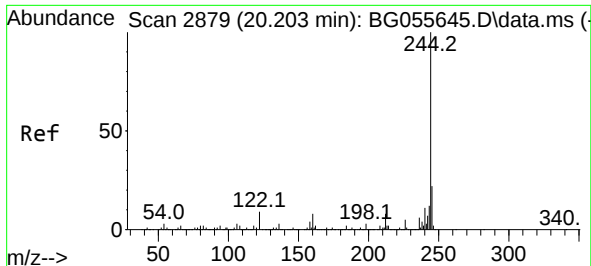
Tgt Ion:188 Resp: 202897
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 8.4 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG055932.D
Acq: 8 Dec 2022 18:05

Tgt Ion:240 Resp: 201530
Ion Ratio Lower Upper
240 100
120 7.9 6.3 9.5
236 26.3 21.9 32.9

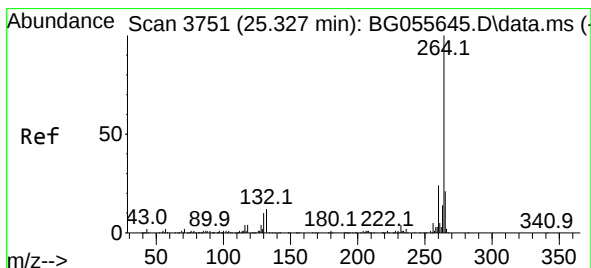
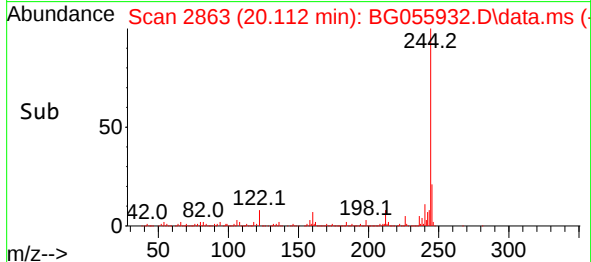
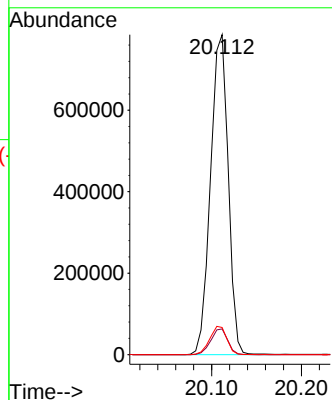
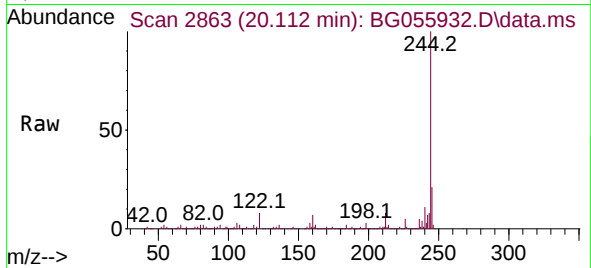




#79
 Terphenyl-d14
 Concen: 106.800 ng
 RT: 20.112 min Scan# 2879
 Delta R.T. 0.003 min
 Lab File: BG055932.D
 Acq: 8 Dec 2022 18:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-18

Tgt Ion:244 Resp: 1076105
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.5 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.129 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG055932.D
 Acq: 8 Dec 2022 18:05

Tgt Ion:264 Resp: 219100
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.7 17.1 25.7

