

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055885.D
 Acq On : 5 Dec 2022 14:46
 Operator : CG/JU
 Sample : PB149340TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149340TB

Quant Time: Dec 06 04:46:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 04:41:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.171	152	26989	20.000	ng	0.00
21) Naphthalene-d8	11.003	136	119440	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	92608	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	243379	20.000	ng	0.00
76) Chrysene-d12	21.825	240	251651	20.000	ng	-0.01
86) Perylene-d12	25.180	264	259948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	242424	162.357	ng	0.00
7) Phenol-d6	7.330	99	323119	162.565	ng	0.00
23) Nitrobenzene-d5	9.346	82	201206	89.038	ng	0.00
42) 2,4,6-Tribromophenol	16.291	330	172054	131.939	ng	0.00
45) 2-Fluorobiphenyl	13.429	172	520400	84.185	ng	0.00
79) Terphenyl-d14	20.133	244	1123874	89.326	ng	0.00

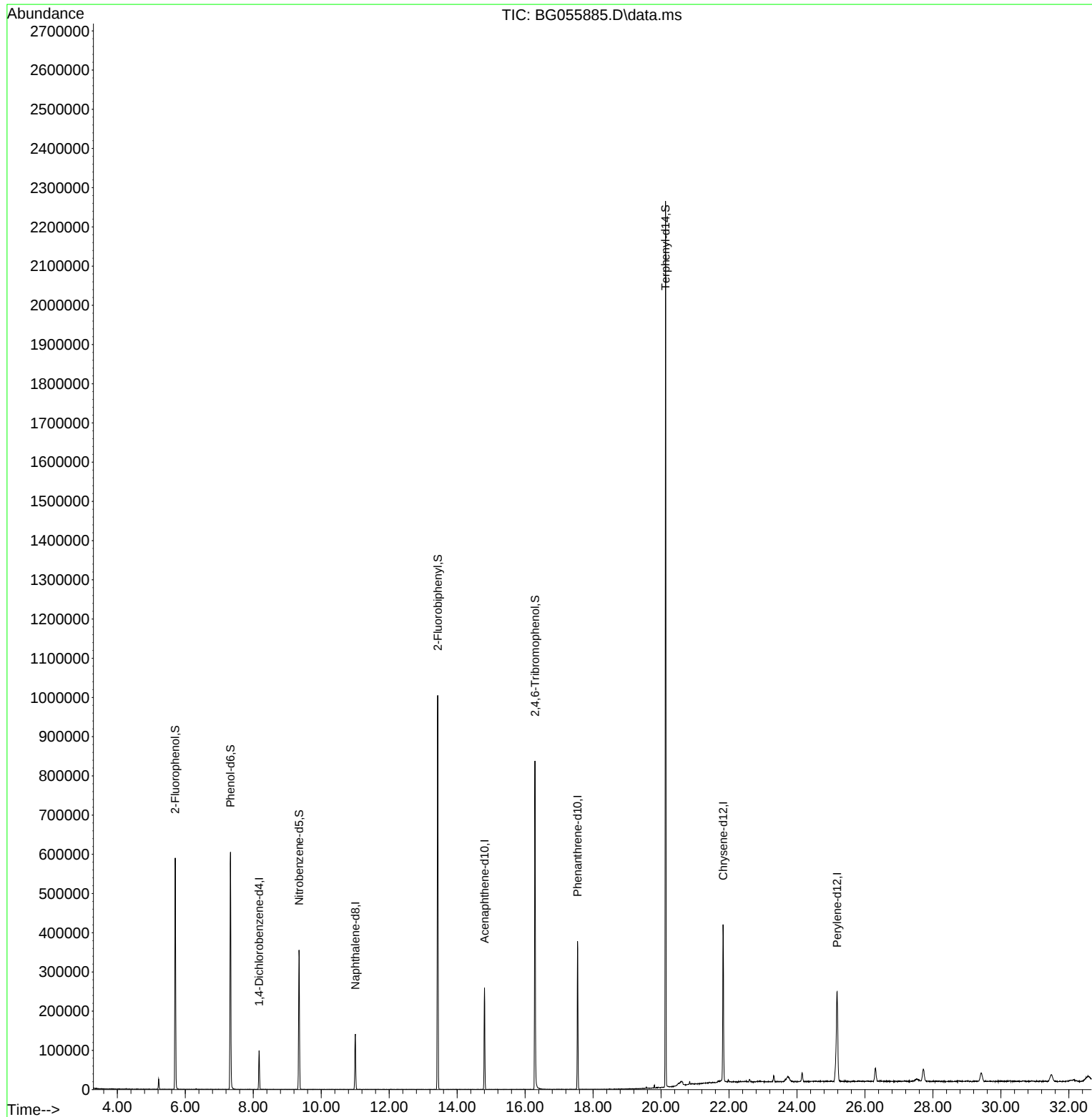
Target Compounds Qvalue

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

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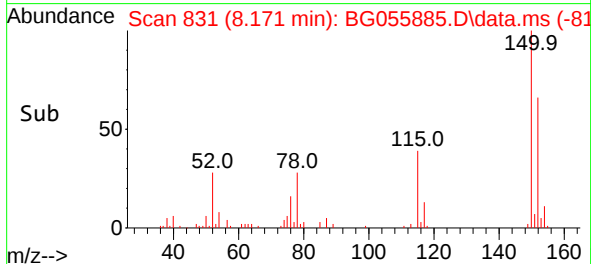
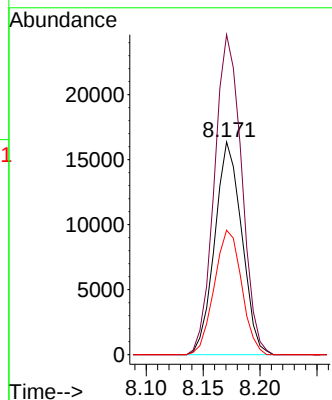
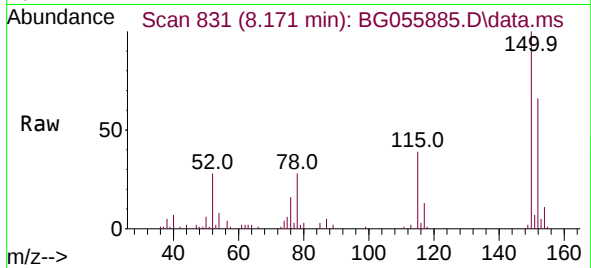




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.171 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

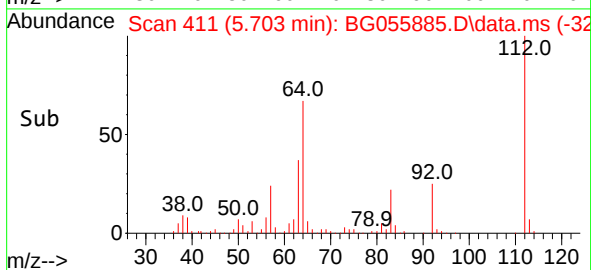
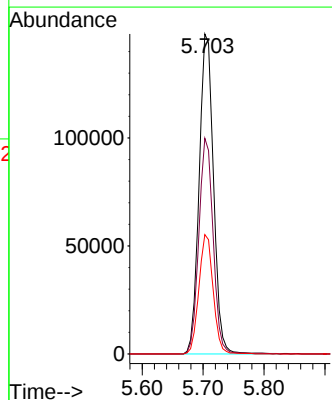
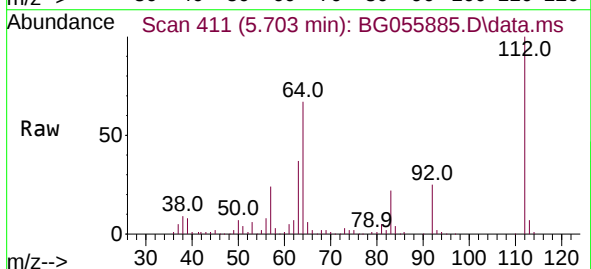
Instrument :
BNA_G
ClientSampleId :
PB149340TB

Tgt Ion:152 Resp: 26989
Ion Ratio Lower Upper
152 100
150 150.4 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 162.357 ng
RT: 5.703 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion:112 Resp: 242424
Ion Ratio Lower Upper
112 100
64 67.4 50.6 76.0
63 37.3 27.5 41.3

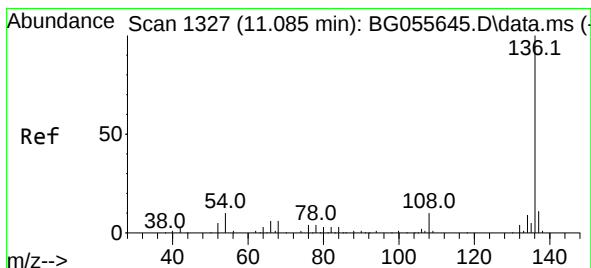
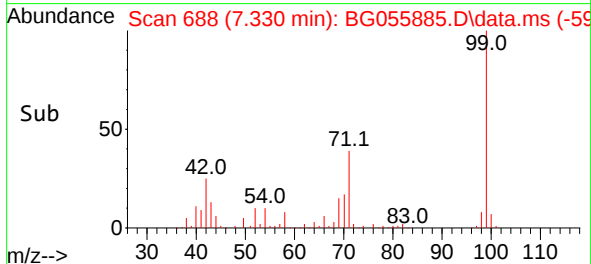
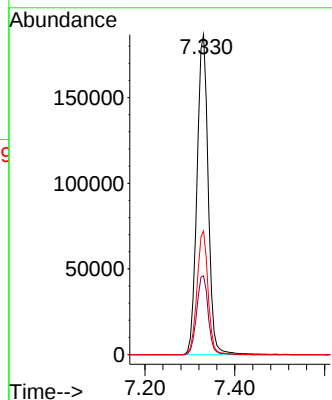
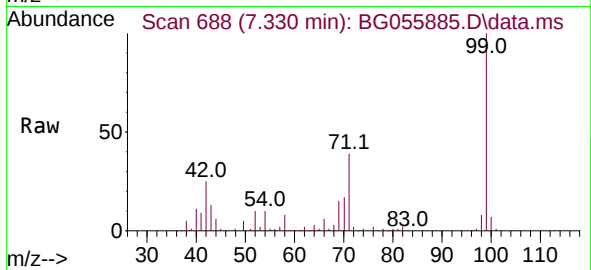




#7
Phenol-d6
Concen: 162.565 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

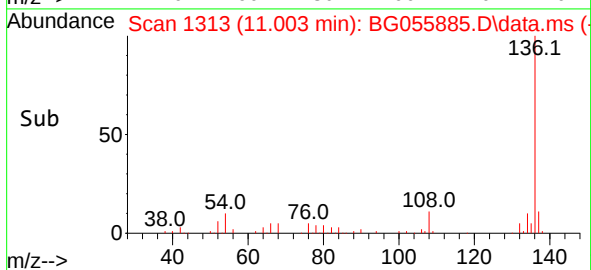
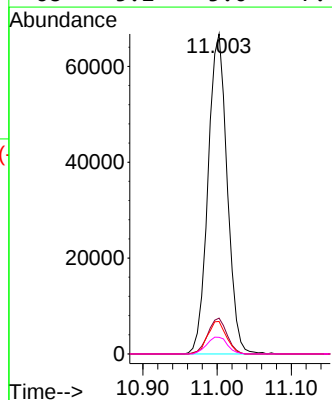
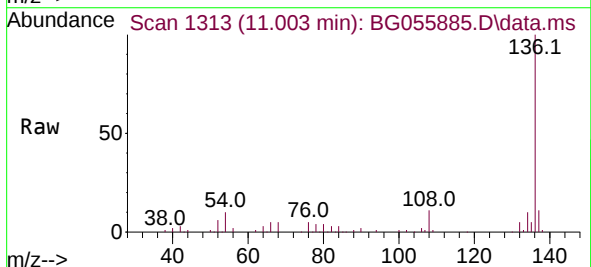
Instrument :
BNA_G
ClientSampleId :
PB149340TB

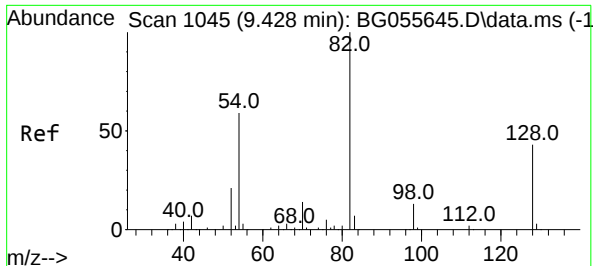
Tgt Ion: 99 Resp: 323119
Ion Ratio Lower Upper
99 100
42 24.6 18.0 27.0
71 38.6 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.003 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

Tgt Ion: 136 Resp: 119440
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 10.1 7.8 11.6
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 89.038 ng

RT: 9.346 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055885.D

Acq: 5 Dec 2022 14:46

Instrument :

BNA_G

ClientSampleId :

PB149340TB

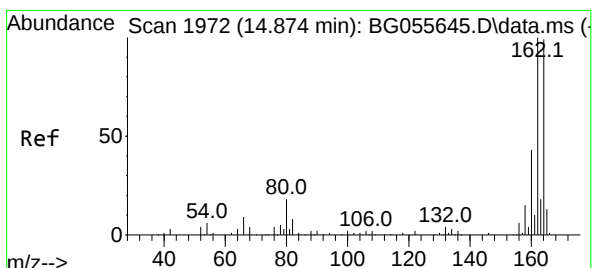
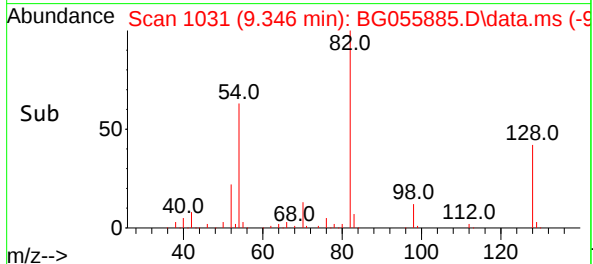
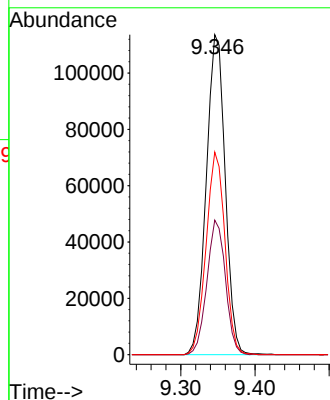
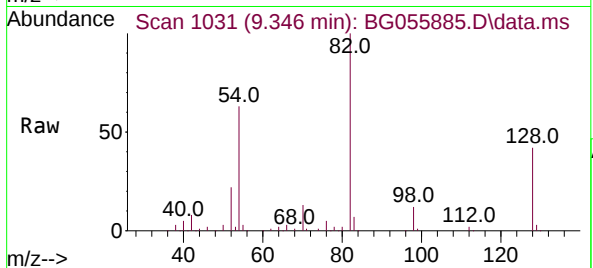
Tgt Ion: 82 Resp: 201206

Ion Ratio Lower Upper

82 100

128 42.0 34.1 51.1

54 63.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.804 min Scan# 1960

Delta R.T. -0.005 min

Lab File: BG055885.D

Acq: 5 Dec 2022 14:46

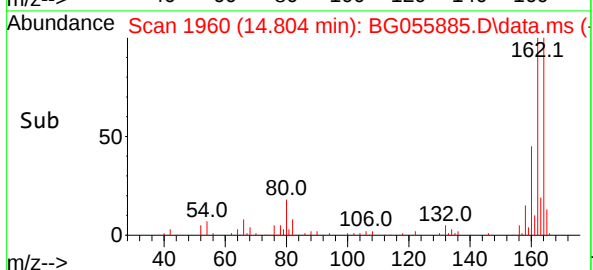
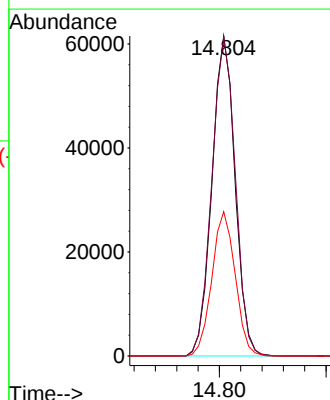
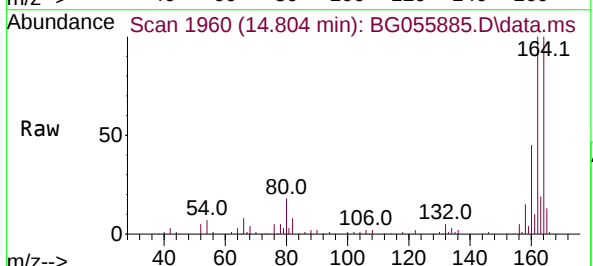
Tgt Ion:164 Resp: 92608

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

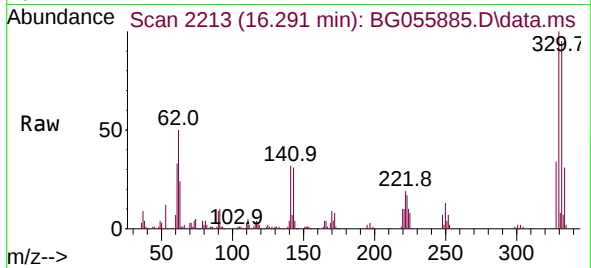
160 45.1 34.8 52.2



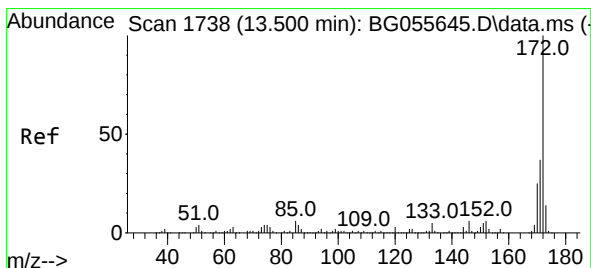
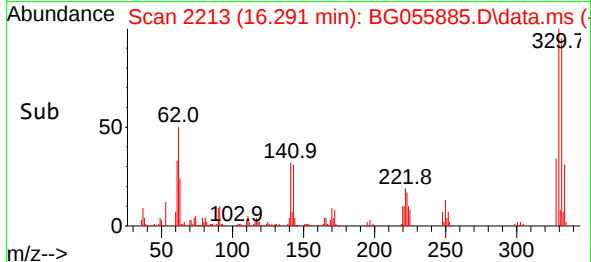
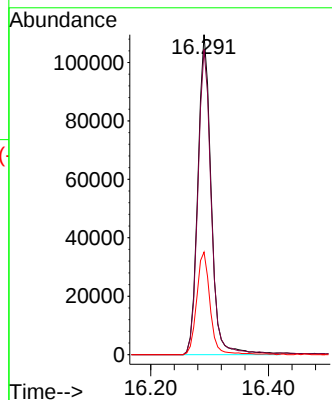


#42
 2,4,6-Tribromophenol
 Concen: 131.939 ng
 RT: 16.291 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055885.D
 Acq: 5 Dec 2022 14:46

Instrument :
 BNA_G
 ClientSampleId :
 PB149340TB

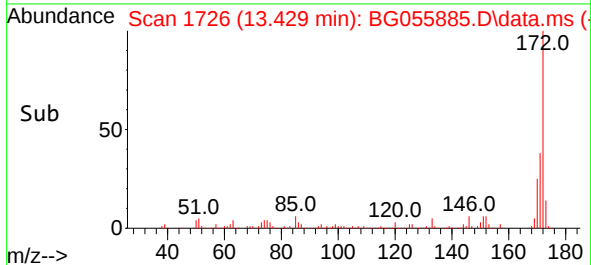
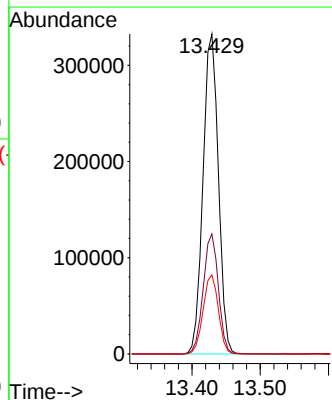
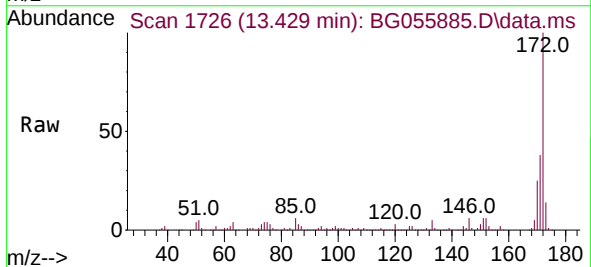


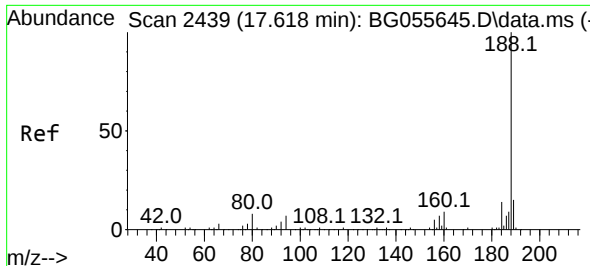
Tgt Ion:330 Resp: 172054
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.8
 141 32.2 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 84.185 ng
 RT: 13.429 min Scan# 1726
 Delta R.T. 0.001 min
 Lab File: BG055885.D
 Acq: 5 Dec 2022 14:46

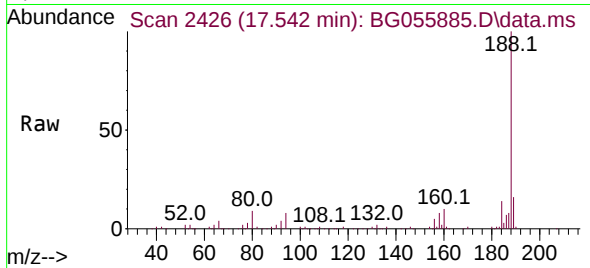
Tgt Ion:172 Resp: 520400
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 24.7 20.2 30.4



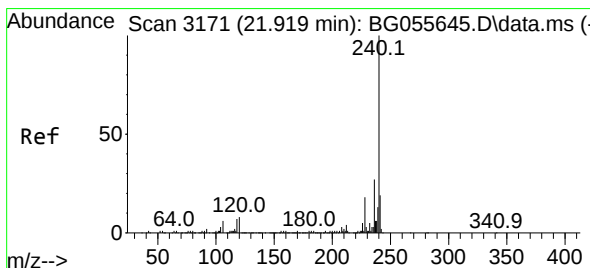
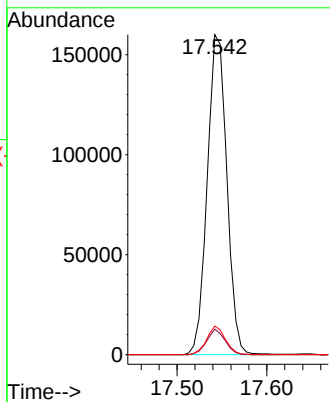
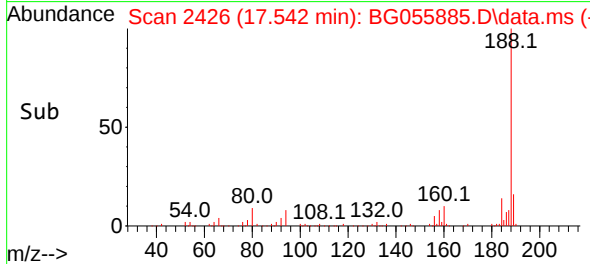


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.542 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46

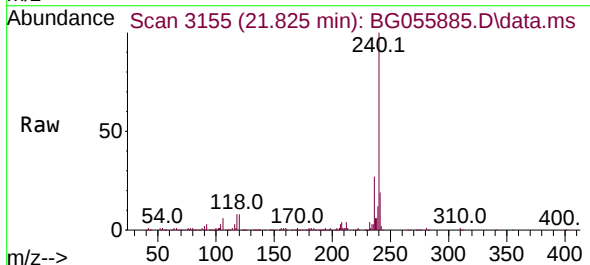
Instrument :
BNA_G
ClientSampleId :
PB149340TB



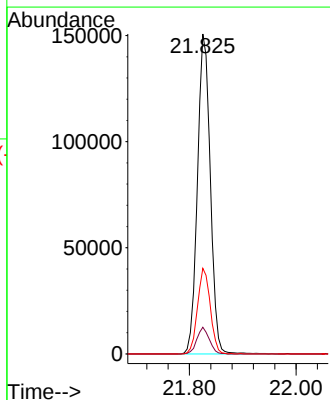
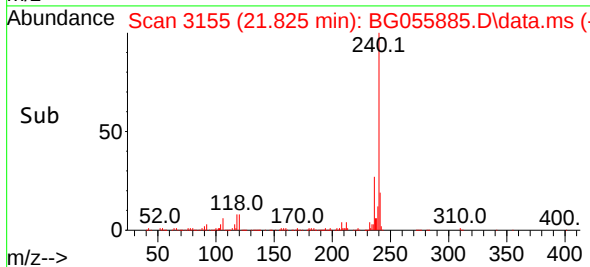
Tgt Ion:188 Resp: 243379
Ion Ratio Lower Upper
188 100
94 8.0 5.4 8.2
80 8.9 6.6 10.0

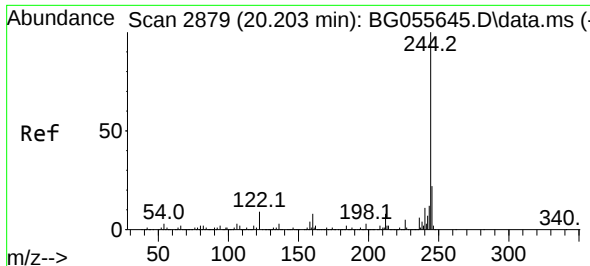


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG055885.D
Acq: 5 Dec 2022 14:46



Tgt Ion:240 Resp: 251651
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 26.7 21.9 32.9





#79

Terphenyl-d14

Concen: 89.326 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.005 min

Lab File: BG055885.D

Acq: 5 Dec 2022 14:46

Instrument :

BNA_G

ClientSampleId :

PB149340TB

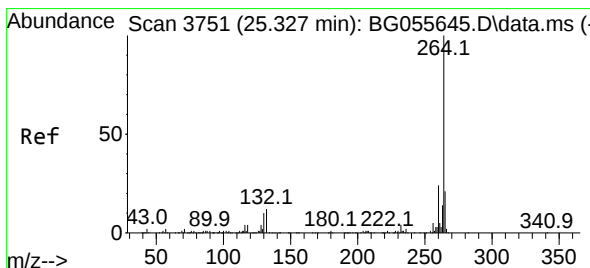
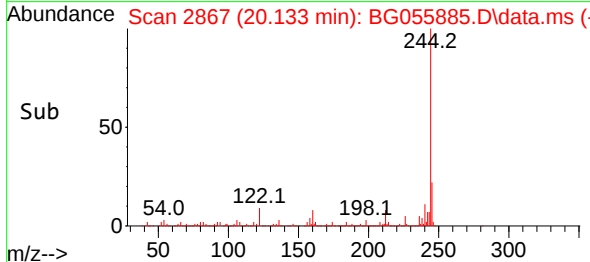
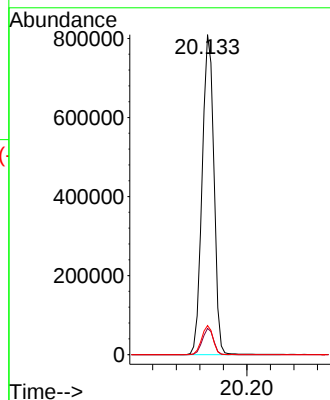
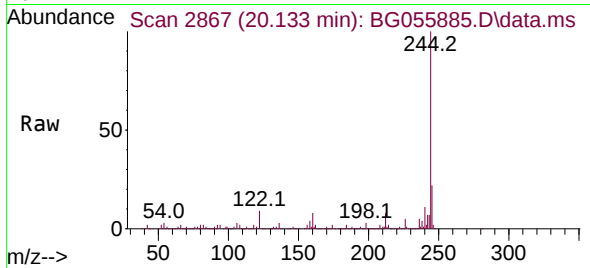
Tgt Ion:244 Resp: 1123874

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

122 9.1 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.180 min Scan# 3726

Delta R.T. 0.001 min

Lab File: BG055885.D

Acq: 5 Dec 2022 14:46

Tgt Ion:264 Resp: 259948

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.3 17.1 25.7

