

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
 Data File : BG055890.D
 Acq On : 5 Dec 2022 18:30
 Operator : CG/JU
 Sample : N5870-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ML-3

Quant Time: Dec 06 04:48:07 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	8.170	152	24184	20.000	ng	0.00
21) Naphthalene-d8	11.002	136	105523	20.000	ng	0.00
39) Acenaphthene-d10	14.804	164	85026	20.000	ng	0.00
64) Phenanthrene-d10	17.542	188	226206	20.000	ng	0.00
76) Chrysene-d12	21.825	240	223126	20.000	ng	-0.01
86) Perylene-d12	25.180	264	233592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	224466	167.766	ng	0.00
7) Phenol-d6	7.330	99	300636	168.797	ng	0.00
23) Nitrobenzene-d5	9.345	82	187392	93.862	ng	0.00
42) 2,4,6-Tribromophenol	16.290	330	181130	151.285	ng	0.00
45) 2-Fluorobiphenyl	13.423	172	460046	81.058	ng	0.00
79) Terphenyl-d14	20.133	244	906314	81.243	ng	0.00

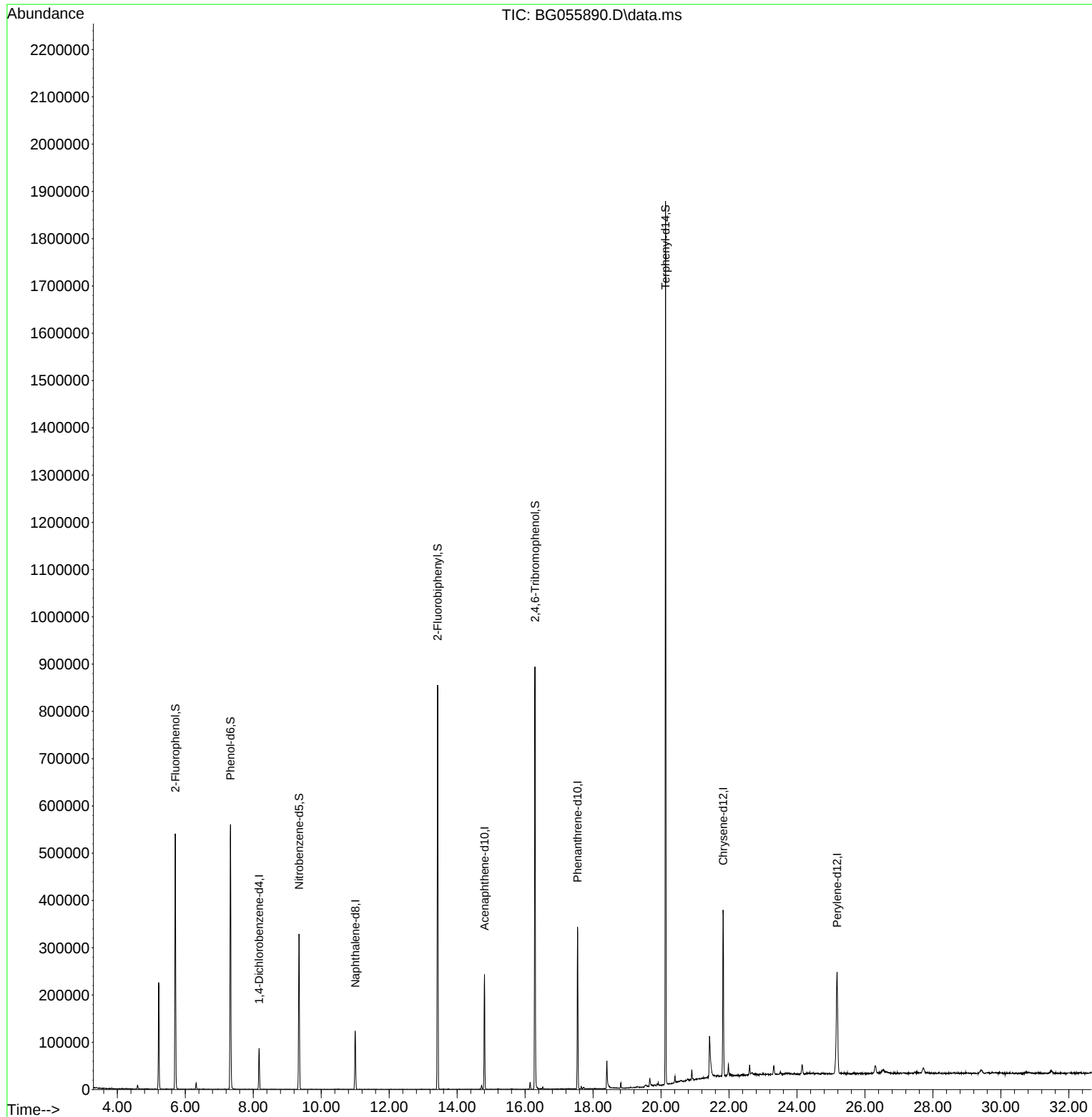
Target Compounds	Qvalue

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

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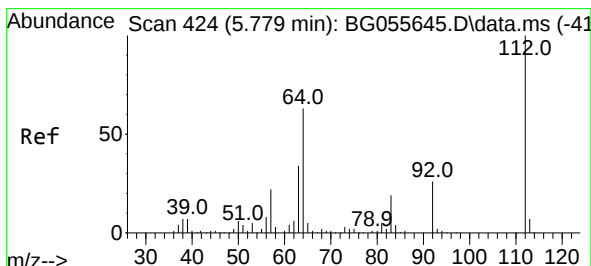
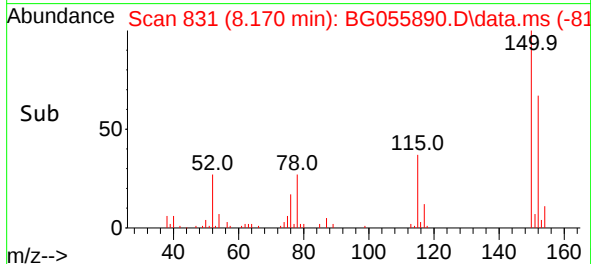
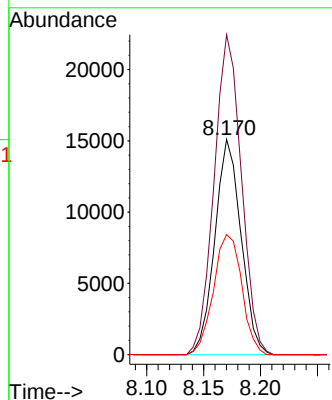
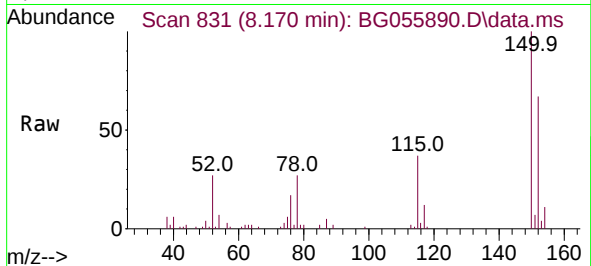




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.170 min Scan# 845
Delta R.T. -0.005 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

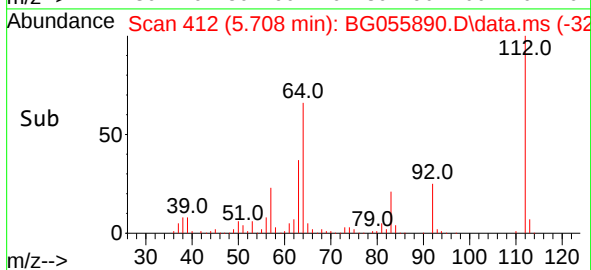
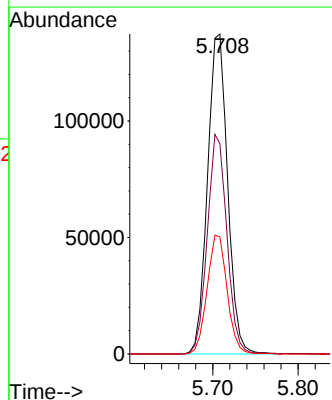
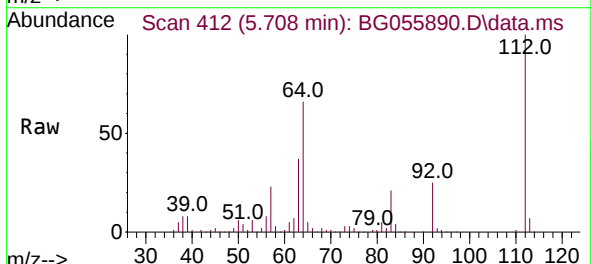
Instrument :
BNA_G
ClientSampleId :
ML-3

Tgt Ion:152 Resp: 24184
Ion Ratio Lower Upper
152 100
150 148.7 123.0 184.6
115 55.7 47.0 70.4



#5
2-Fluorophenol
Concen: 167.766 ng
RT: 5.708 min Scan# 412
Delta R.T. 0.006 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

Tgt Ion:112 Resp: 224466
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 36.6 27.5 41.3

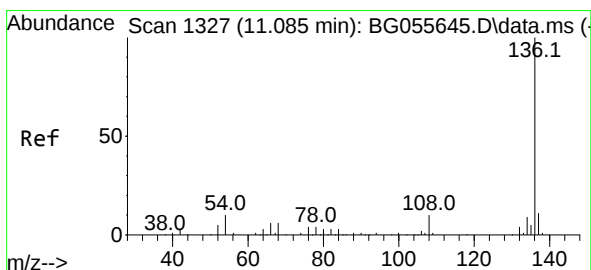
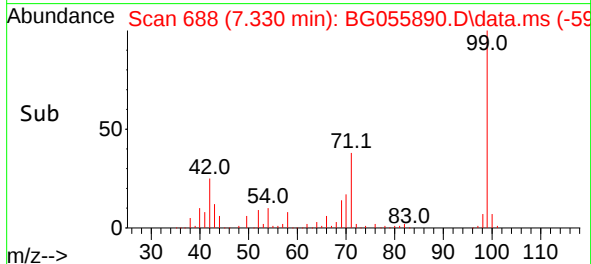
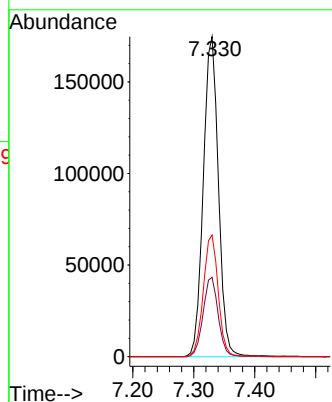
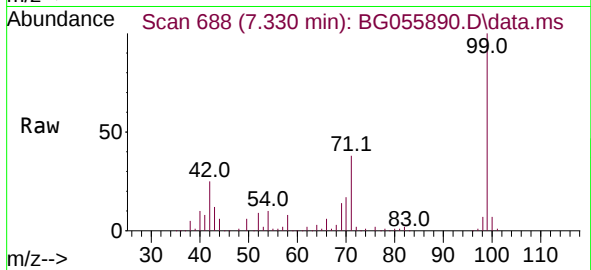




#7
Phenol-d6
Concen: 168.797 ng
RT: 7.330 min Scan# 688
Delta R.T. 0.001 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

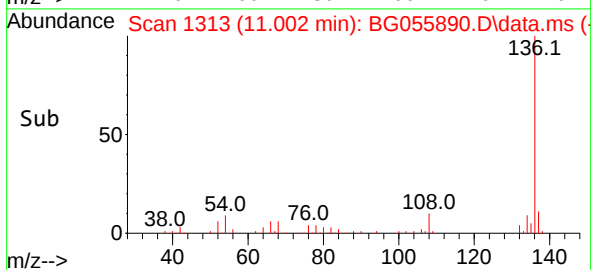
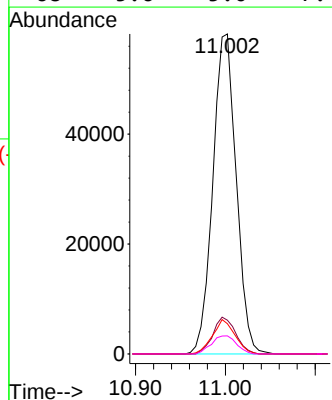
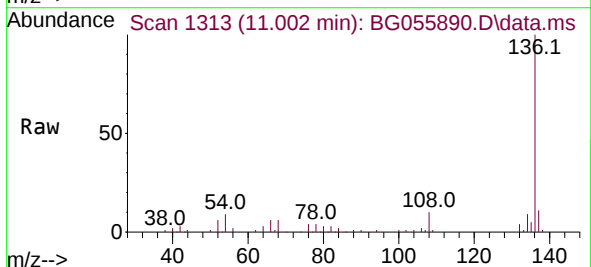
Instrument :
BNA_G
ClientSampleId :
ML-3

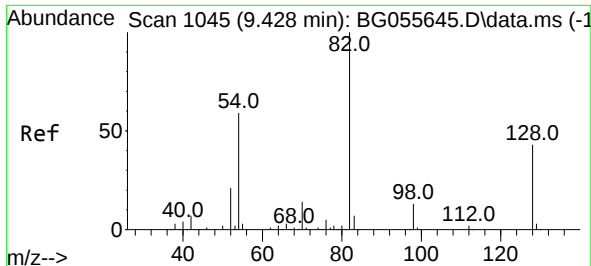
Tgt Ion: 99 Resp: 300636
Ion Ratio Lower Upper
99 100
42 24.8 18.0 27.0
71 38.0 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.002 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

Tgt Ion: 136 Resp: 105523
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 9.4 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 93.862 ng

RT: 9.345 min Scan# 1045

Delta R.T. -0.005 min

Lab File: BG055890.D

Acq: 5 Dec 2022 18:30

Instrument :

BNA_G

ClientSampleId :

ML-3

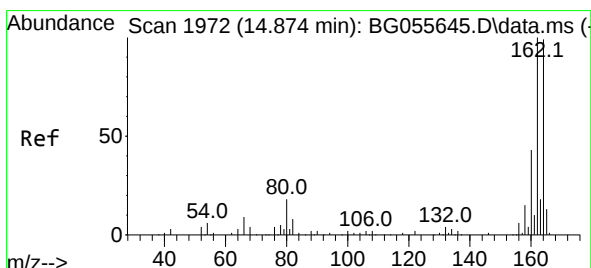
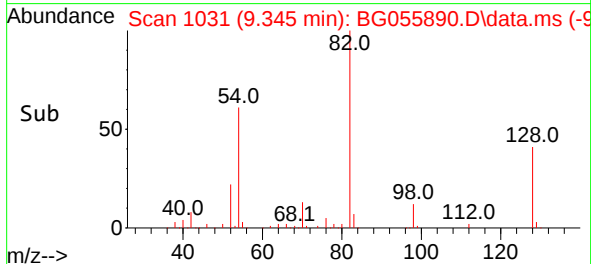
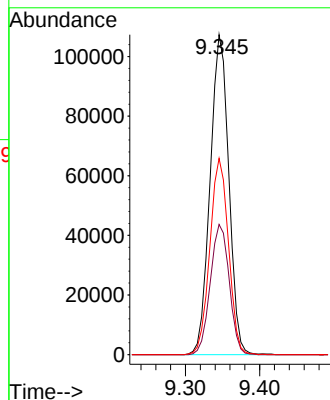
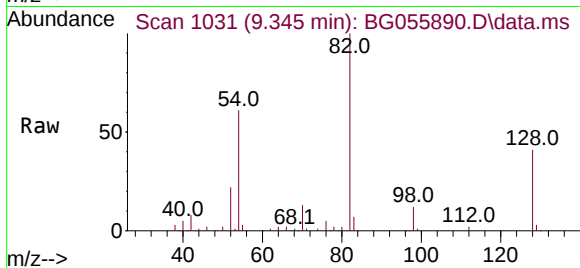
Tgt Ion: 82 Resp: 187392

Ion Ratio Lower Upper

82 100

128 40.7 34.1 51.1

54 61.4 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: BG055890.D

Acq: 5 Dec 2022 18:30

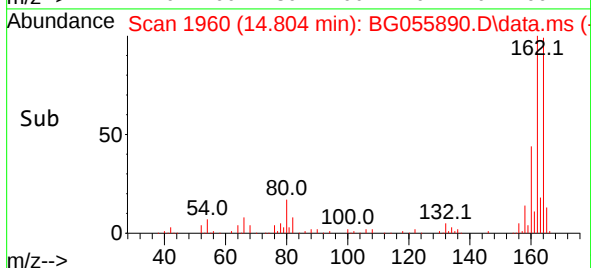
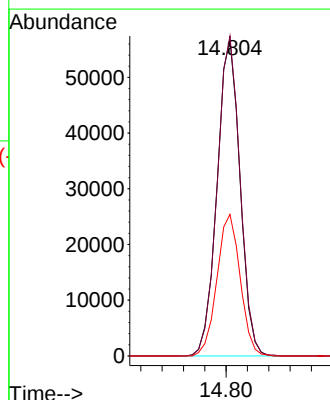
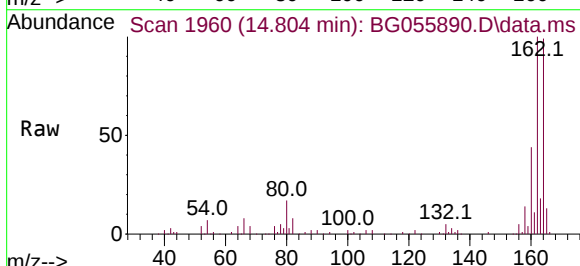
Tgt Ion:164 Resp: 85026

Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

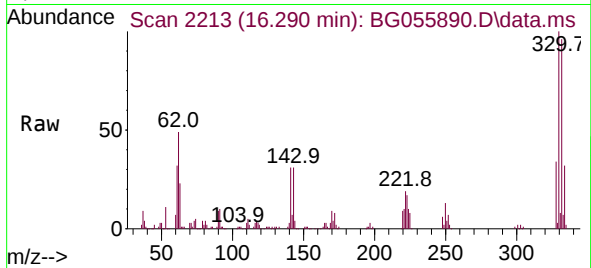
160 44.7 34.8 52.2



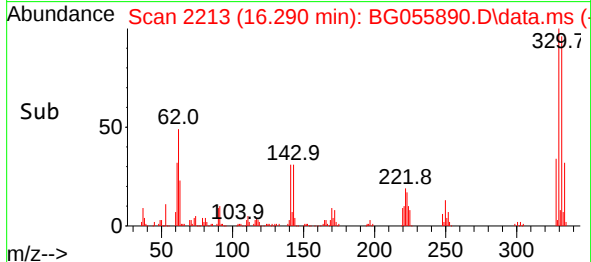
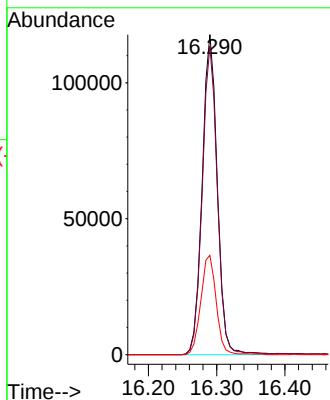


#42
2,4,6-Tribromophenol
Concen: 151.285 ng
RT: 16.290 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

Instrument :
BNA_G
ClientSampleId :
ML-3

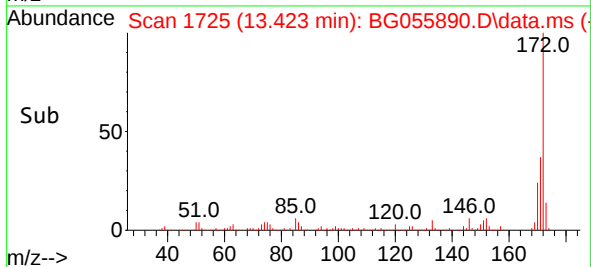
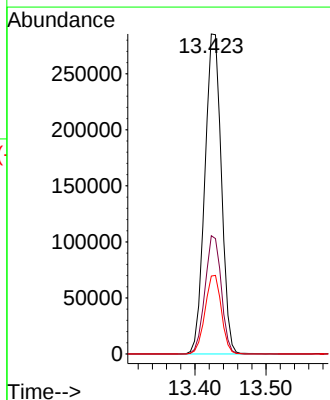
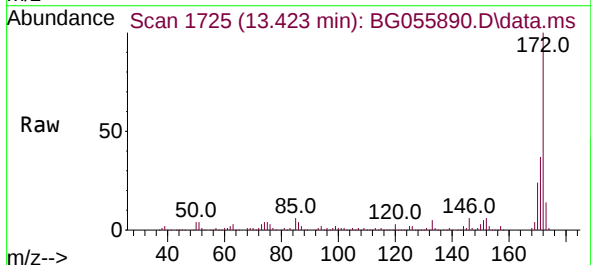


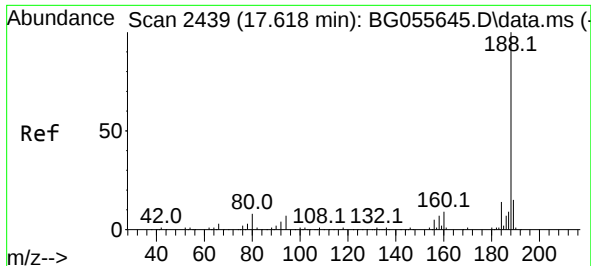
Tgt Ion:330 Resp: 181130
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 31.3 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 81.058 ng
RT: 13.423 min Scan# 1725
Delta R.T. -0.005 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

Tgt Ion:172 Resp: 460046
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.3 20.2 30.4

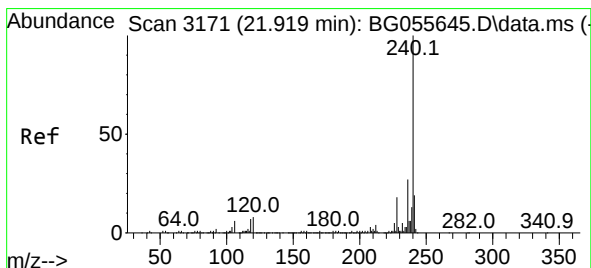
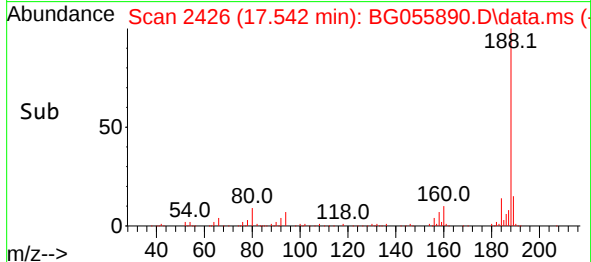
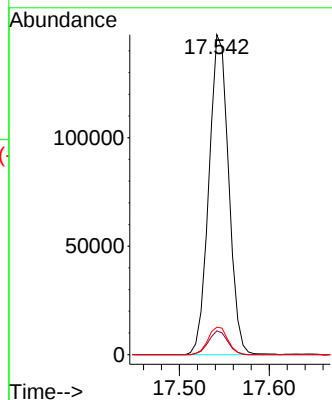
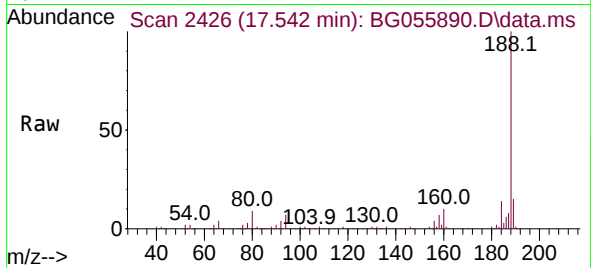




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.542 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

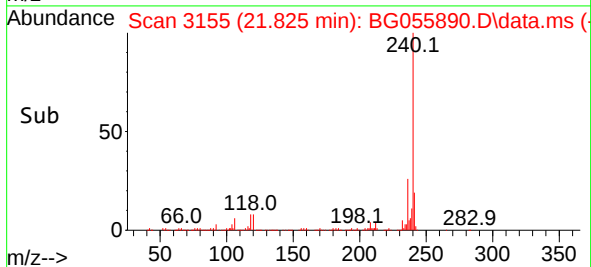
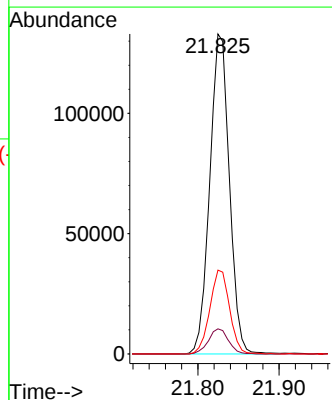
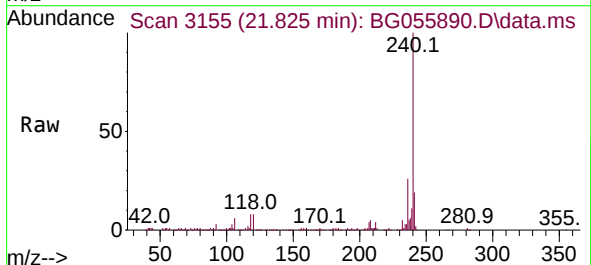
Instrument :
BNA_G
ClientSampleId :
ML-3

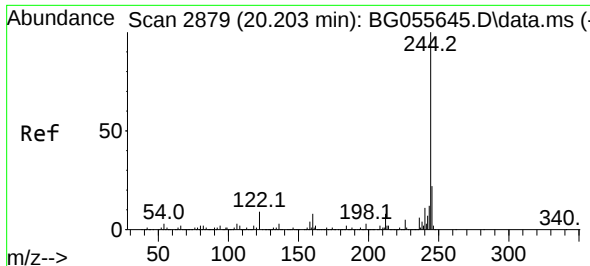
Tgt Ion:188 Resp: 226206
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.6 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.825 min Scan# 3155
Delta R.T. -0.011 min
Lab File: BG055890.D
Acq: 5 Dec 2022 18:30

Tgt Ion:240 Resp: 223126
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.2 21.9 32.9





#79

Terphenyl-d14

Concen: 81.243 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.005 min

Lab File: BG055890.D

Acq: 5 Dec 2022 18:30

Instrument :

BNA_G

ClientSampleId :

ML-3

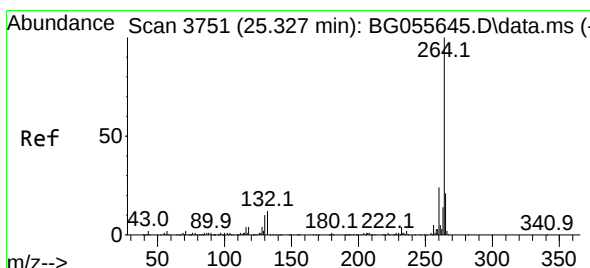
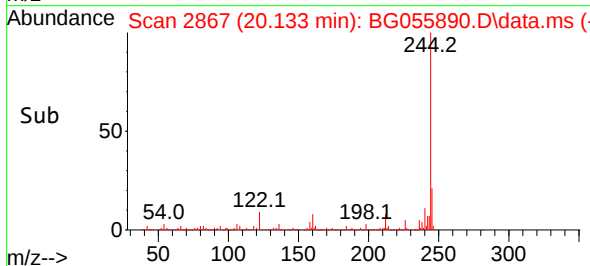
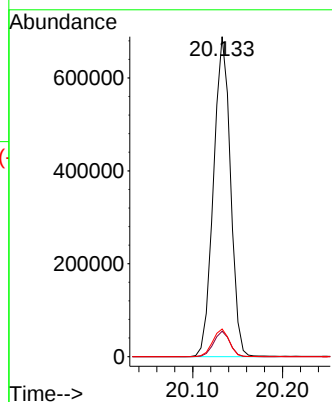
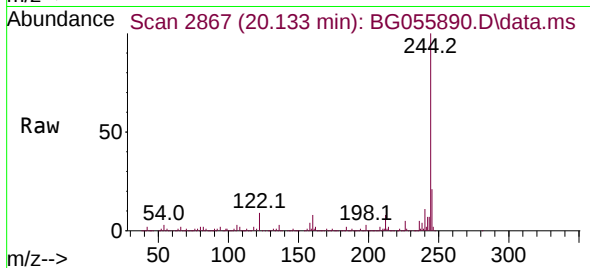
Tgt Ion:244 Resp: 906314

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.6 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: BG055890.D

Acq: 5 Dec 2022 18:30

Tgt Ion:264 Resp: 233592

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 22.0 17.1 25.7

