

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058690.D
 Acq On : 10 Aug 2023 22:34
 Operator : MA/JU
 Sample : 03955-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-24

Quant Time: Aug 11 01:58:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	43148	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	180205	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	129401	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	345378	20.000	ng	0.00
76) Chrysene-d12	21.448	240	307412	20.000	ng	0.00
86) Perylene-d12	24.521	264	339522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	381587	135.172	ng	0.00
7) Phenol-d6	6.983	99	492719	125.434	ng	0.00
23) Nitrobenzene-d5	8.974	82	344347	93.872	ng	0.00
42) 2,4,6-Tribromophenol	15.954	330	298746	140.853	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	796907	92.290	ng	0.00
79) Terphenyl-d14	19.826	244	1443805	88.322	ng	0.00

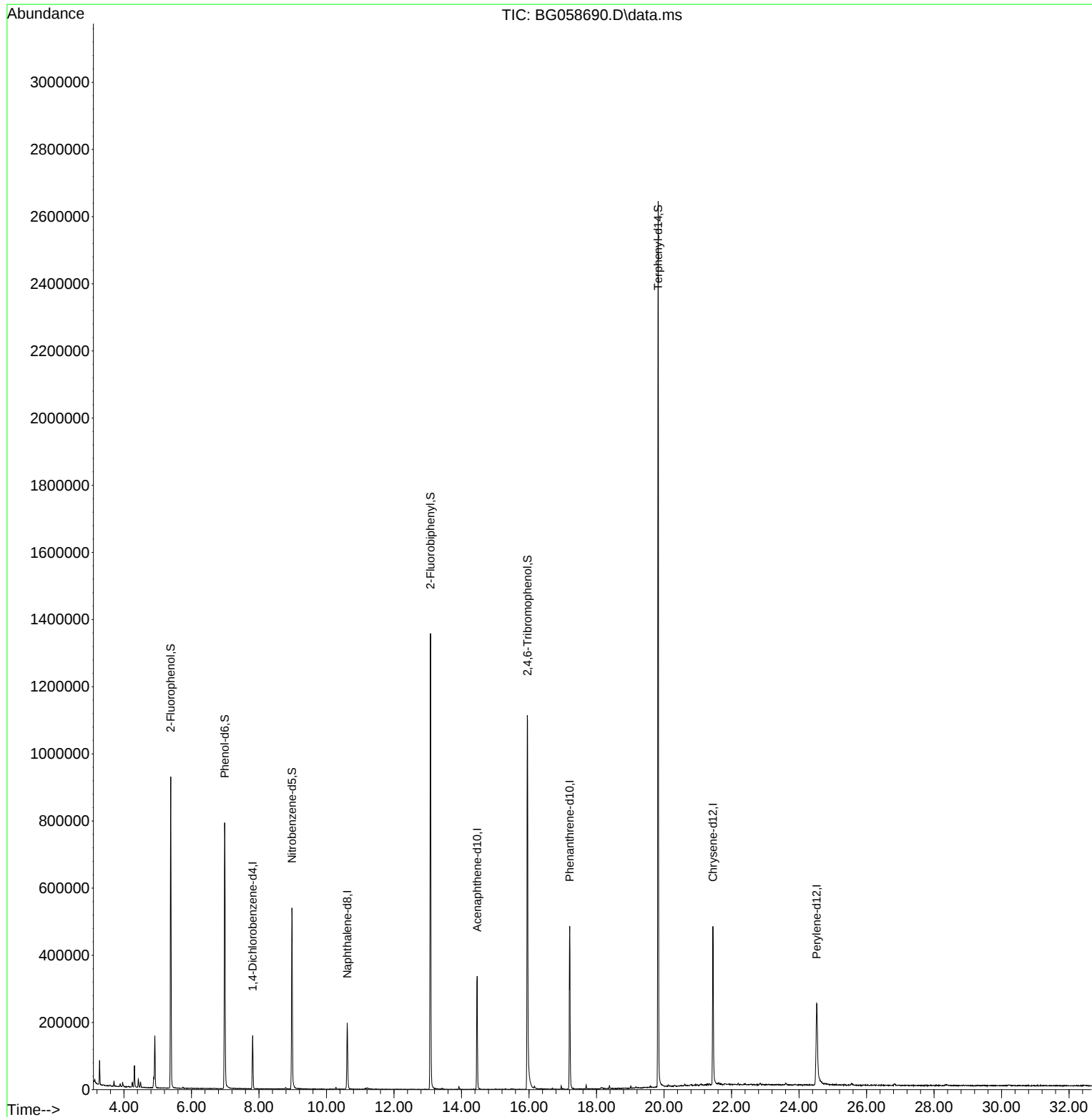
Target Compounds	Qvalue

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

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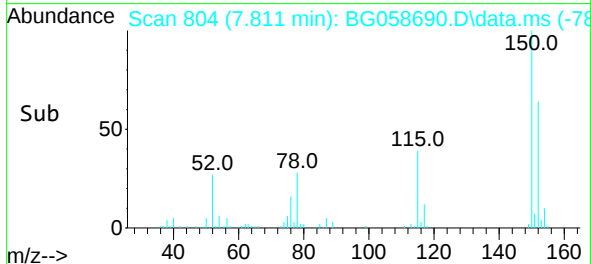
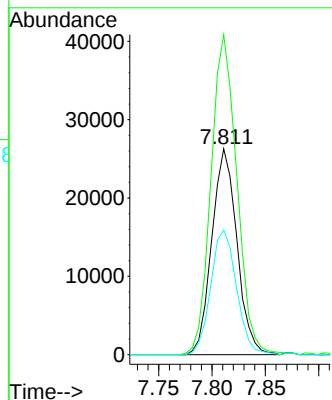
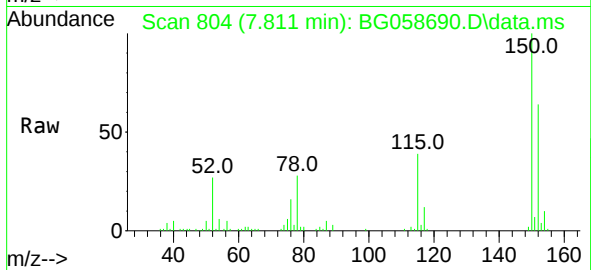




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

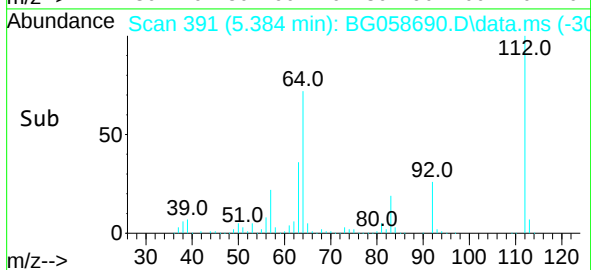
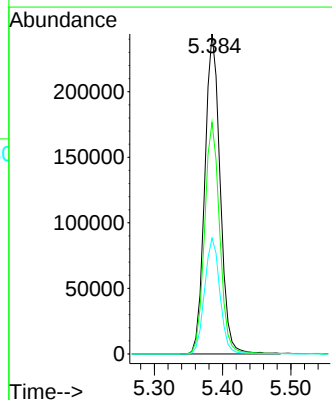
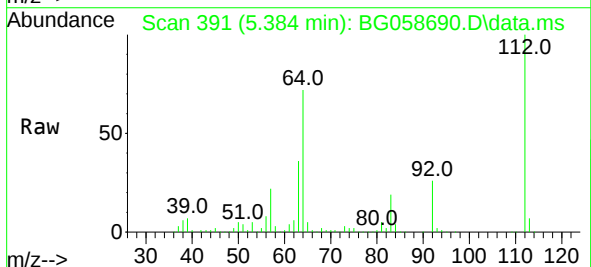
Instrument :
BNA_G
ClientSampleId :
WC-24

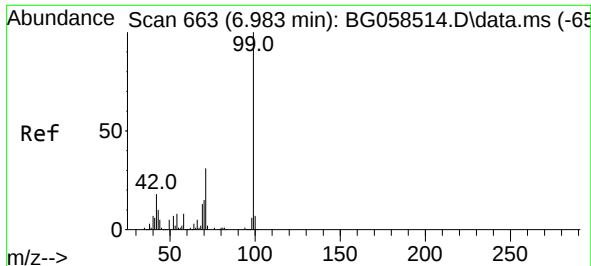
Tgt Ion:152 Resp: 43148
Ion Ratio Lower Upper
152 100
150 155.4 120.5 180.7
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 135.172 ng
RT: 5.384 min Scan# 391
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:112 Resp: 381587
Ion Ratio Lower Upper
112 100
64 72.4 55.3 82.9
63 36.2 28.3 42.5

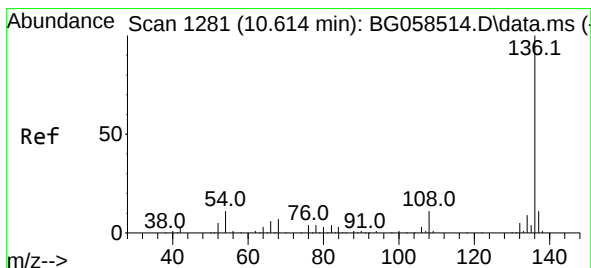
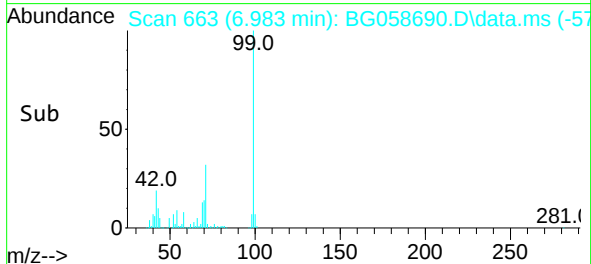
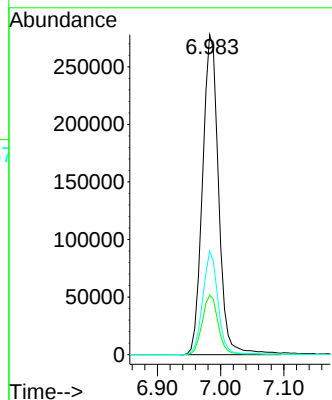
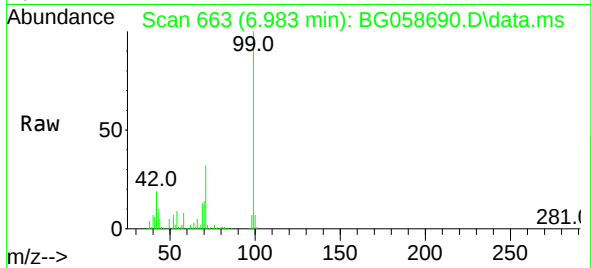




#7
Phenol-d6
Concen: 125.434 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

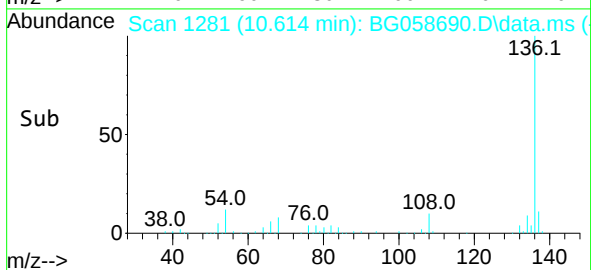
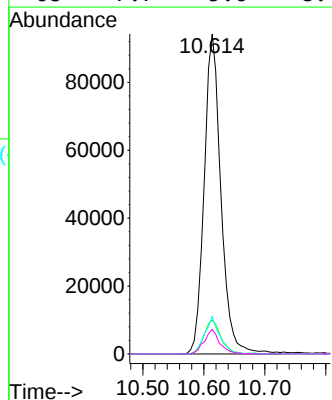
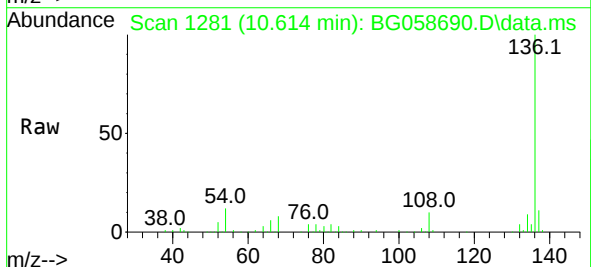
Instrument :
BNA_G
ClientSampleId :
WC-24

Tgt Ion: 99 Resp: 492719
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.3 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion: 136 Resp: 180205
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.7 8.9 13.3
68 7.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 93.872 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058690.D

Acq: 10 Aug 2023 22:34

Instrument :

BNA_G

ClientSampleId :

WC-24

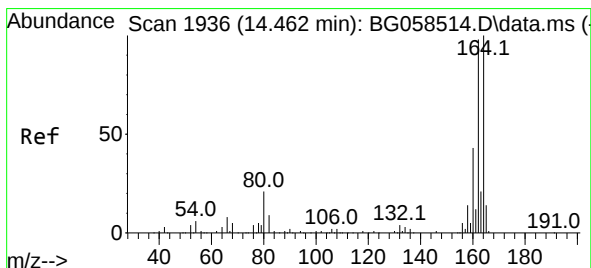
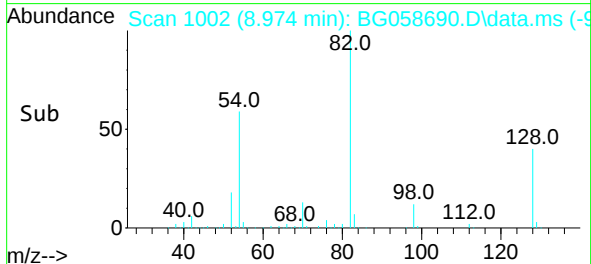
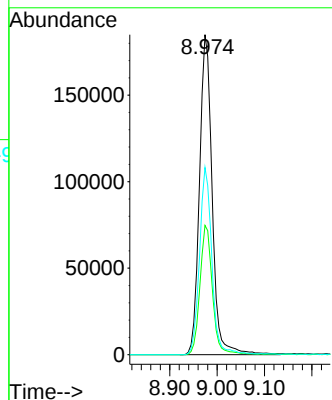
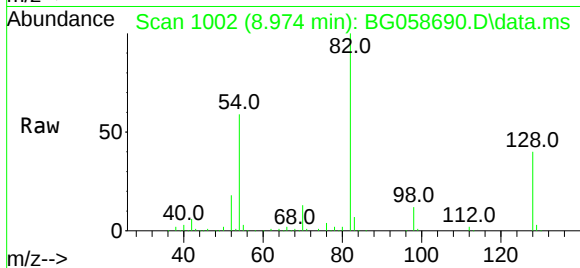
Tgt Ion: 82 Resp: 344347

Ion Ratio Lower Upper

82 100

128 40.4 32.2 48.2

54 58.5 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BG058690.D

Acq: 10 Aug 2023 22:34

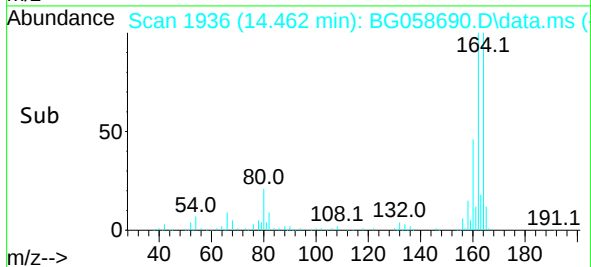
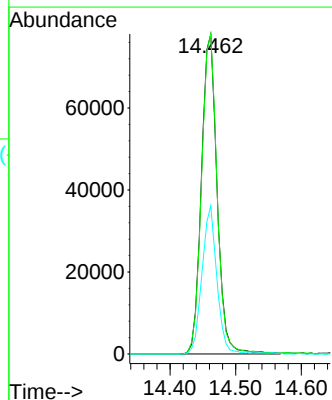
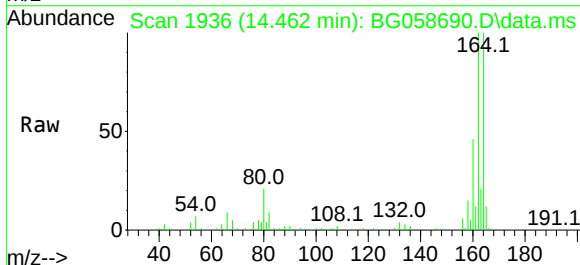
Tgt Ion:164 Resp: 129401

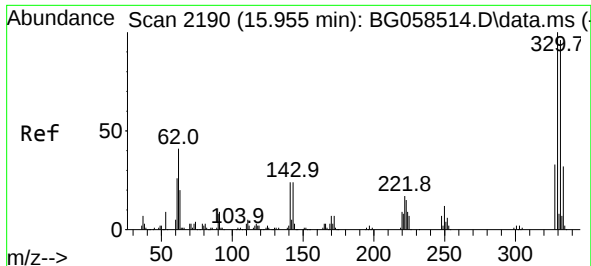
Ion Ratio Lower Upper

164 100

162 100.1 78.3 117.5

160 46.4 34.1 51.1

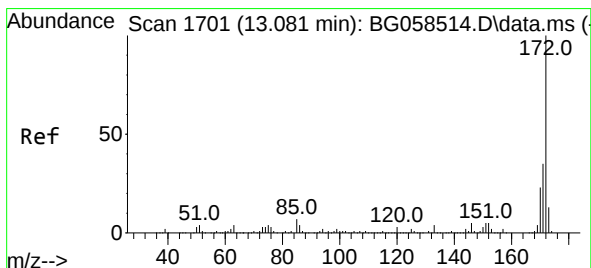
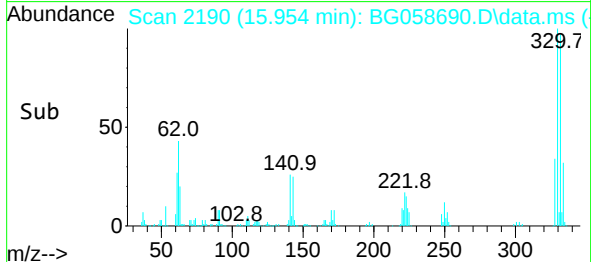
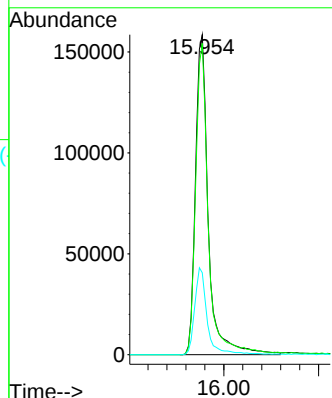
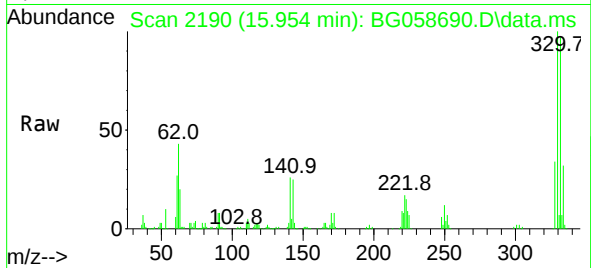




#42
2,4,6-Tribromophenol
Concen: 140.853 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

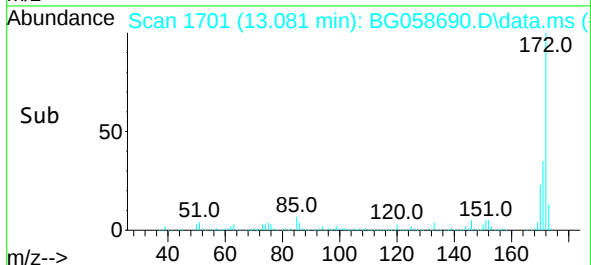
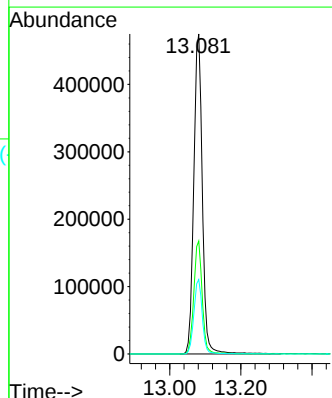
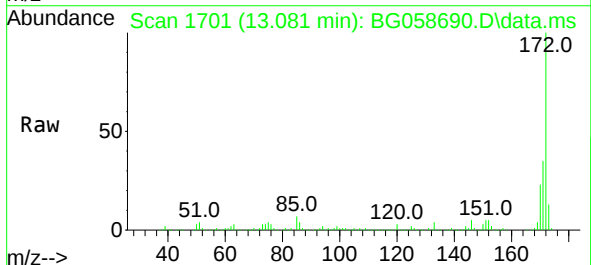
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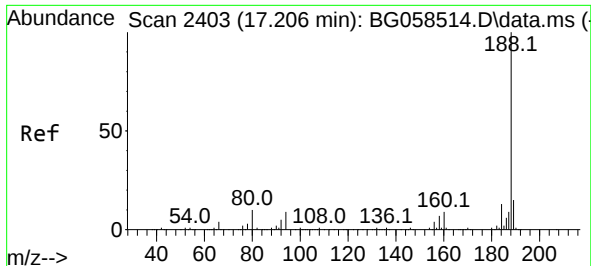
Tgt Ion:330 Resp: 298746
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 26.4 20.7 31.1



#45
2-Fluorobiphenyl
Concen: 92.290 ng
RT: 13.081 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:172 Resp: 796907
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.4 27.6

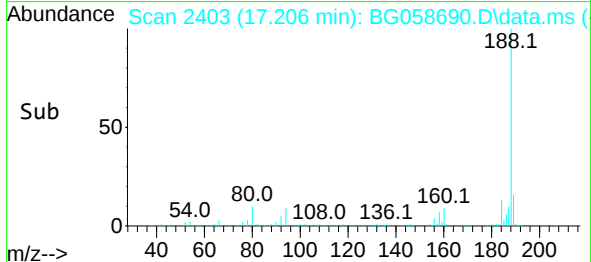
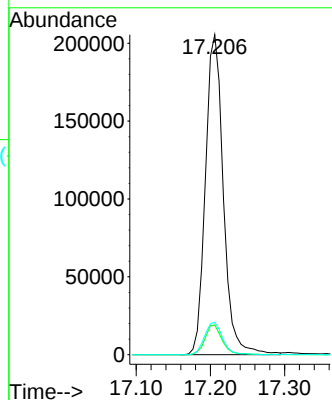
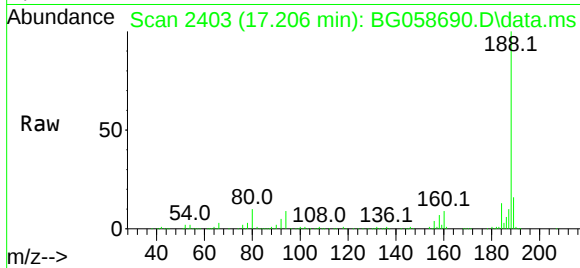




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

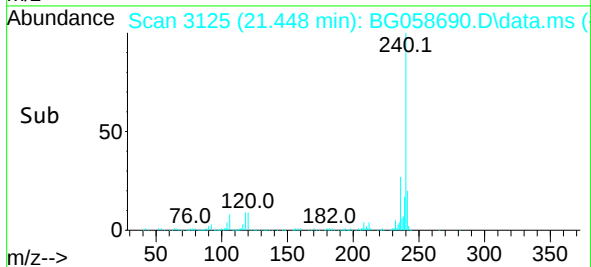
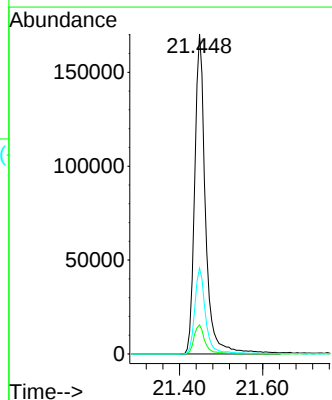
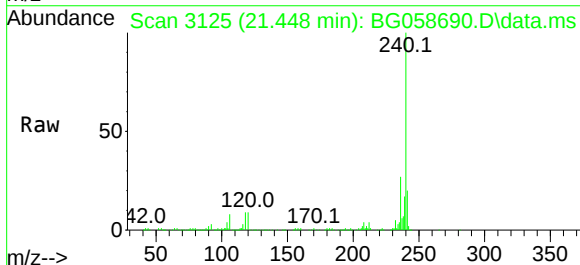
Instrument :
BNA_G
ClientSampleId :
WC-24

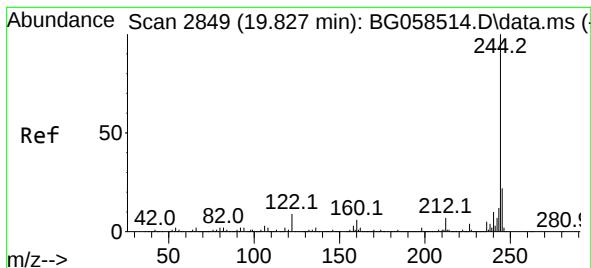
Tgt Ion:188 Resp: 345378
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.1 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058690.D
Acq: 10 Aug 2023 22:34

Tgt Ion:240 Resp: 307412
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 26.9 22.2 33.4





#79

Terphenyl-d14

Concen: 88.322 ng

RT: 19.826 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG058690.D

Acq: 10 Aug 2023 22:34

Instrument :

BNA_G

ClientSampleId :

WC-24

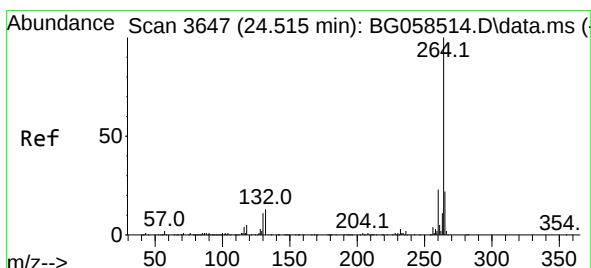
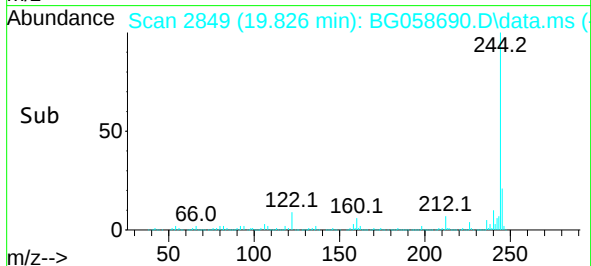
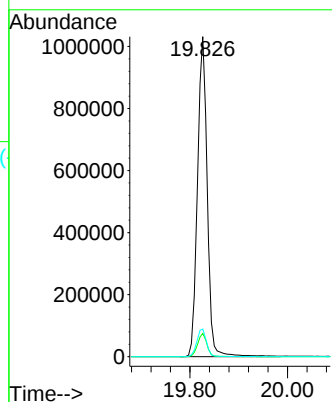
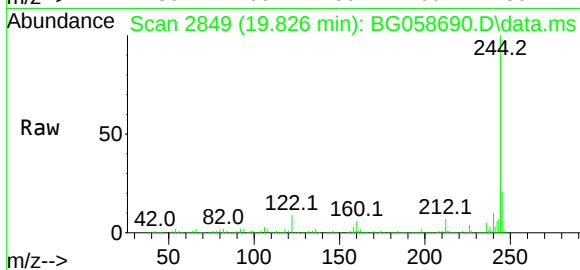
Tgt Ion:244 Resp: 1443805

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.521 min Scan# 3648

Delta R.T. 0.006 min

Lab File: BG058690.D

Acq: 10 Aug 2023 22:34

Tgt Ion:264 Resp: 339522

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.1 17.9 26.9

