

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056344.D
 Acq On : 19 Jan 2023 1:38
 Operator : CG/JU
 Sample : 01170-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-2-011623

Quant Time: Jan 19 03:47:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

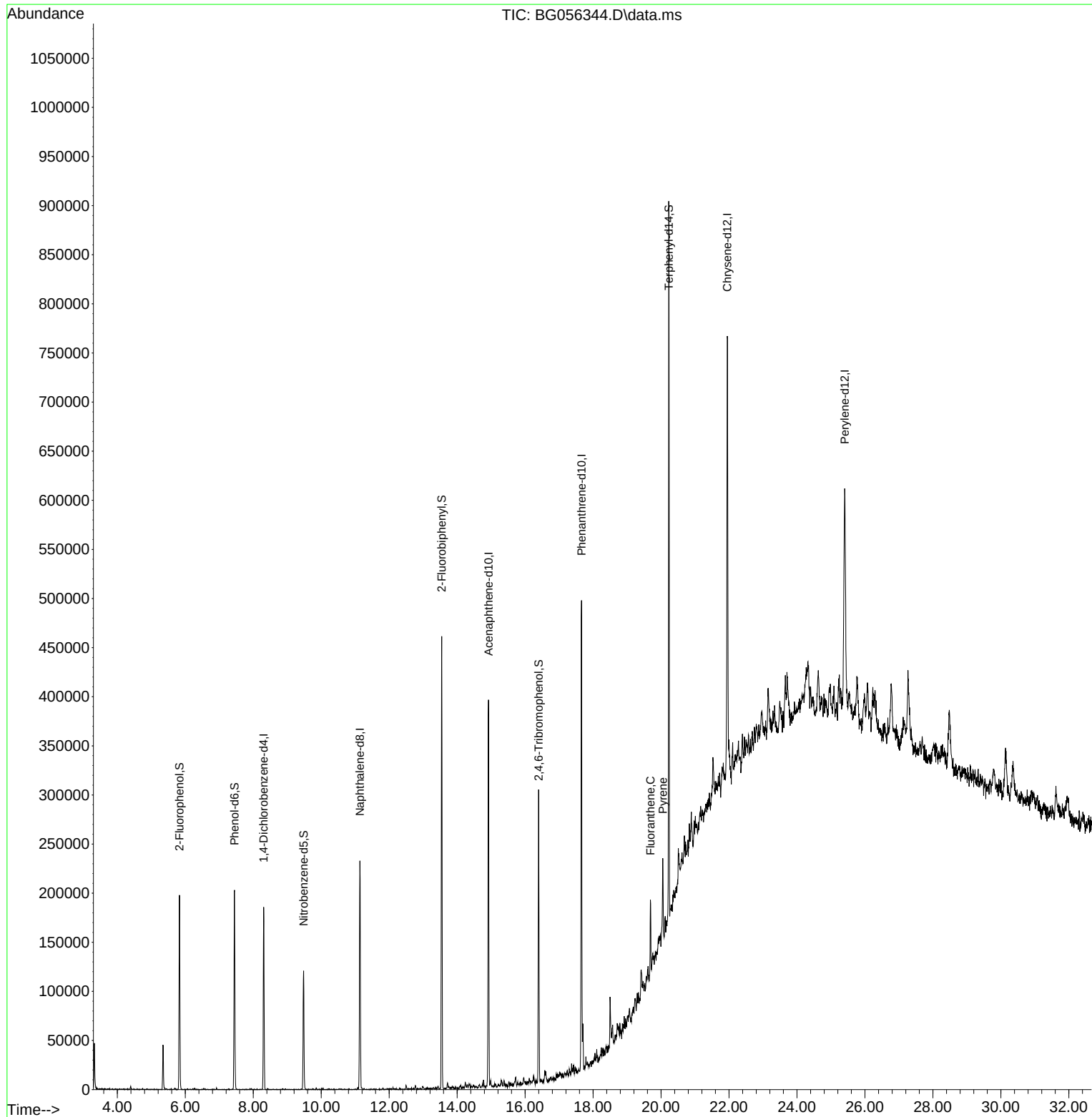
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	59125	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	217794	20.000	ng	0.00
39) Acenaphthene-d10	14.921	164	153855	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	337465	20.000	ng	0.00
76) Chrysene-d12	21.948	240	310523	20.000	ng	0.00
86) Perylene-d12	25.403	264	309220	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	112453	33.959	ng	0.00
7) Phenol-d6	7.447	99	160285	31.519	ng	0.00
23) Nitrobenzene-d5	9.480	82	86438	20.301	ng	0.00
42) 2,4,6-Tribromophenol	16.402	330	61132	31.373	ng	0.00
45) 2-Fluorobiphenyl	13.546	172	265850	23.861	ng	0.00
79) Terphenyl-d14	20.227	244	409227	23.604	ng	0.00
Target Compounds						
75) Fluoranthene	19.686	202	50950	2.233	ng	99
78) Pyrene	20.050	202	49757	2.273	ng	98

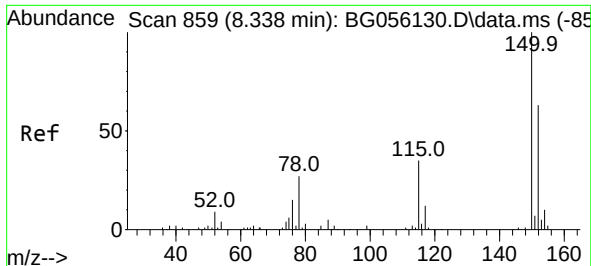
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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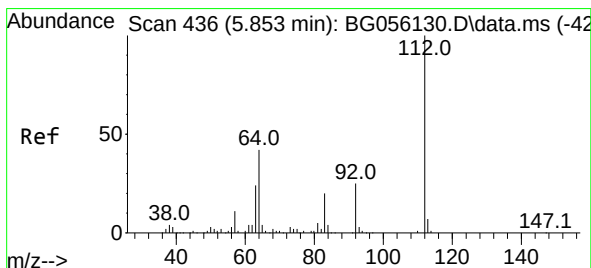
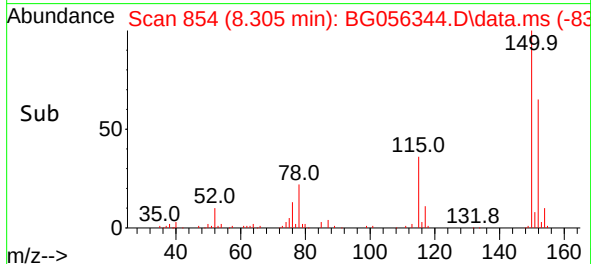
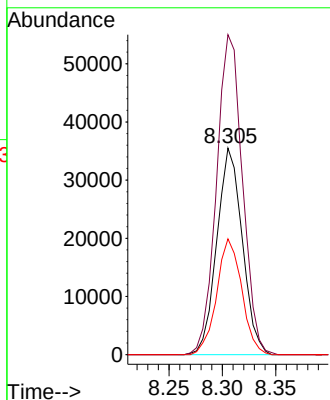
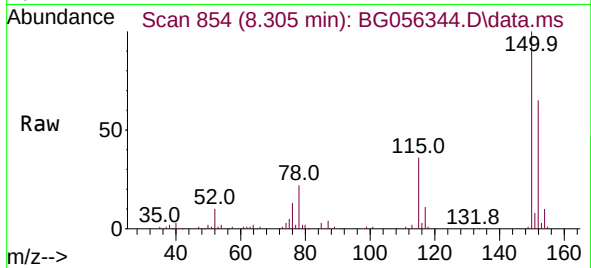




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

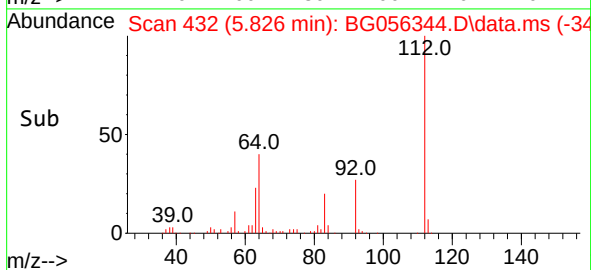
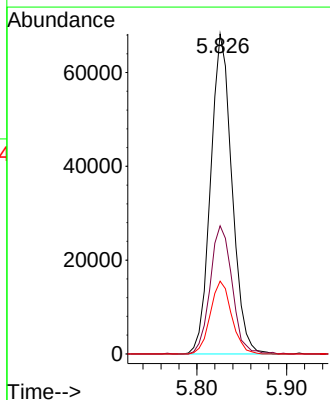
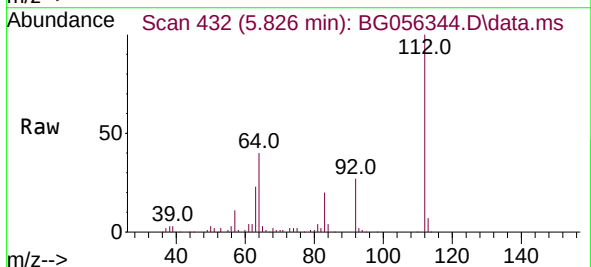
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

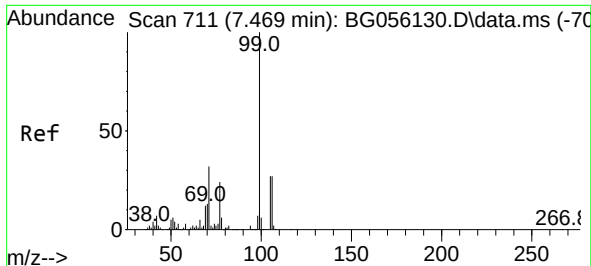
Tgt Ion:152 Resp: 59125
Ion Ratio Lower Upper
152 100
150 154.9 127.9 191.9
115 56.0 44.2 66.2



#5
2-Fluorophenol
Concen: 33.959 ng
RT: 5.826 min Scan# 432
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:112 Resp: 112453
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.7 19.0 28.4

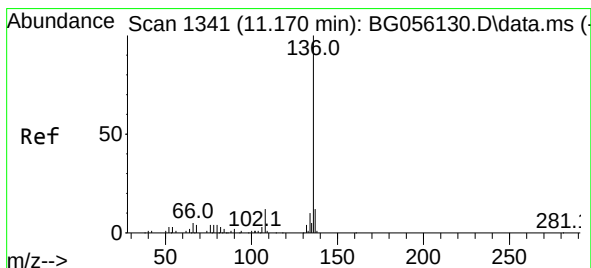
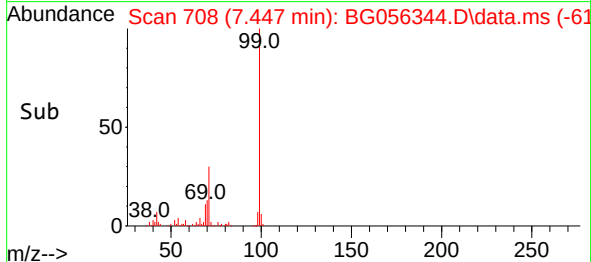
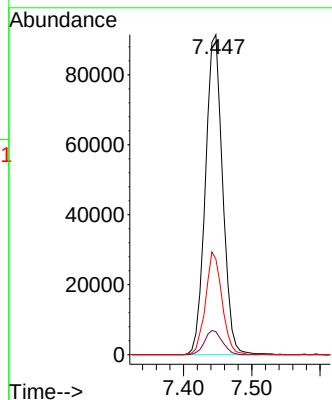
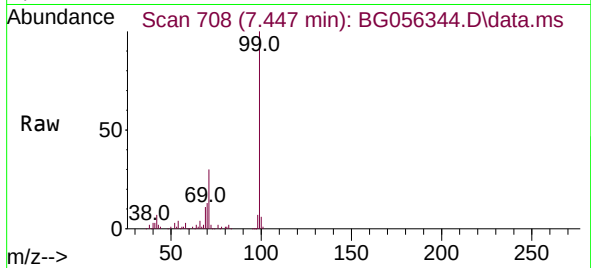




#7
Phenol-d6
Concen: 31.519 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

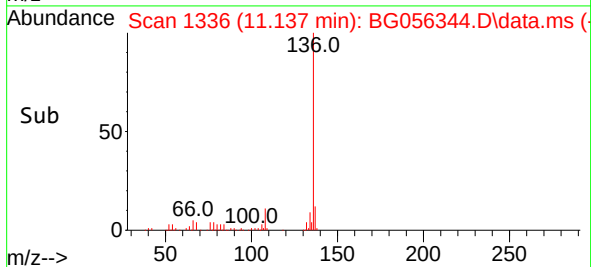
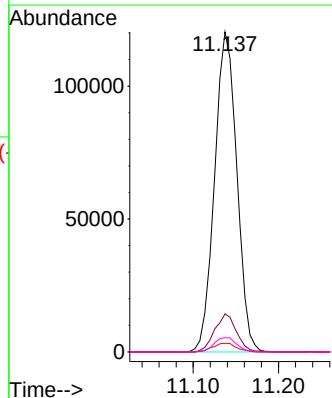
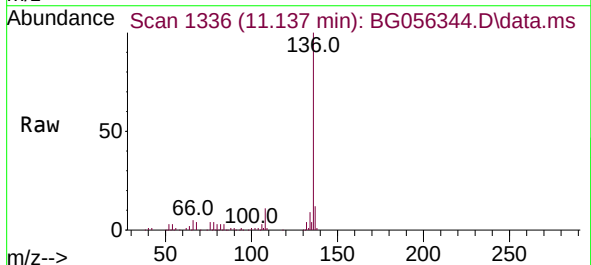
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

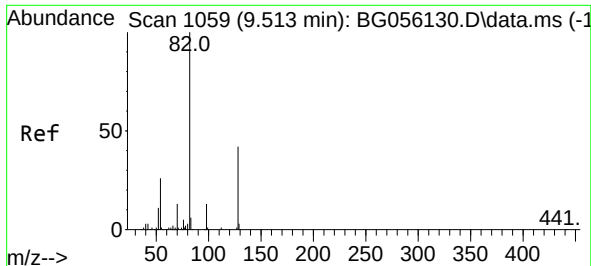
Tgt Ion: 99 Resp: 160285
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 29.9 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 1336
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion: 136 Resp: 217794
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.7 2.2 3.2
68 4.4 3.4 5.0

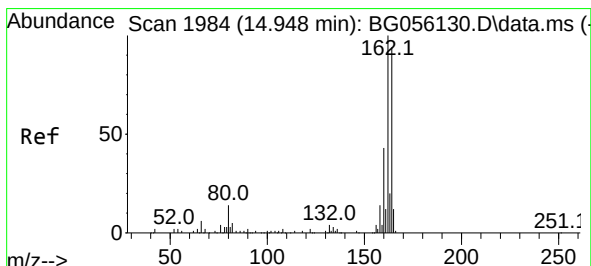
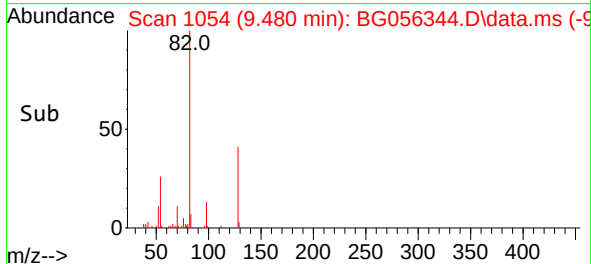
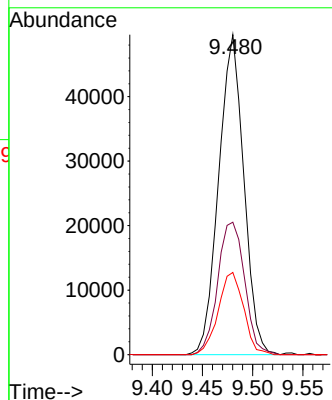
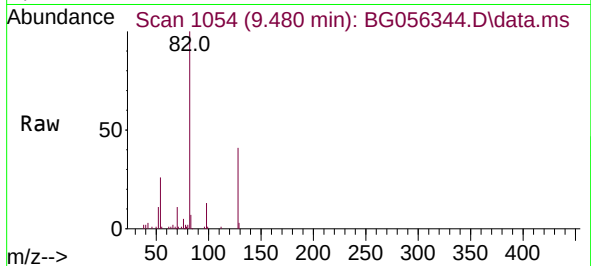




#23
Nitrobenzene-d5
Concen: 20.301 ng
RT: 9.480 min Scan# 1054
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

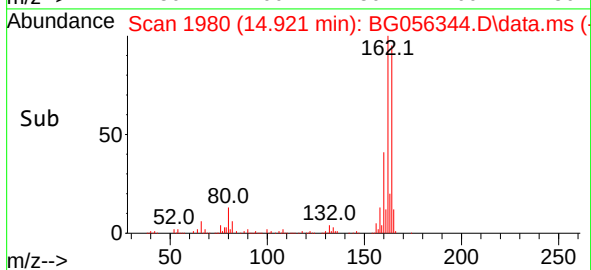
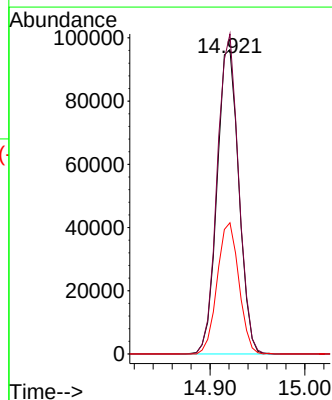
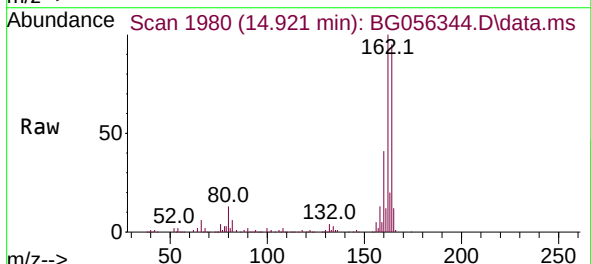
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

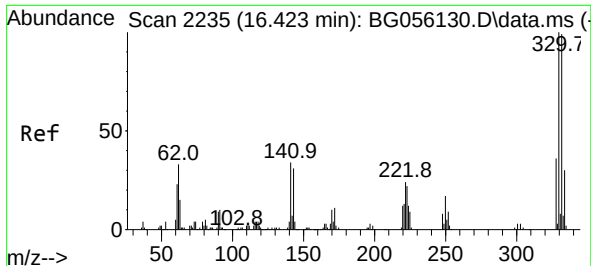
Tgt Ion: 82 Resp: 86438
Ion Ratio Lower Upper
82 100
128 41.4 33.4 50.2
54 25.7 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.921 min Scan# 1980
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion: 164 Resp: 153855
Ion Ratio Lower Upper
164 100
162 105.2 84.7 127.1
160 43.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 31.373 ng

RT: 16.402 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056344.D

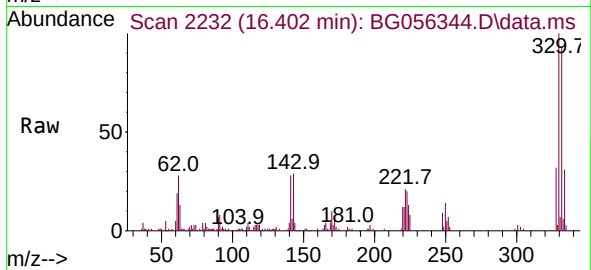
Acq: 19 Jan 2023 1:38

Instrument :

BNA_G

ClientSampleId :

CL-2-011623



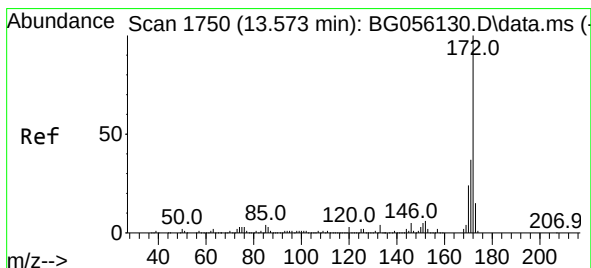
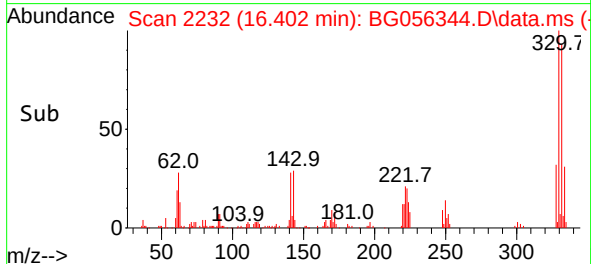
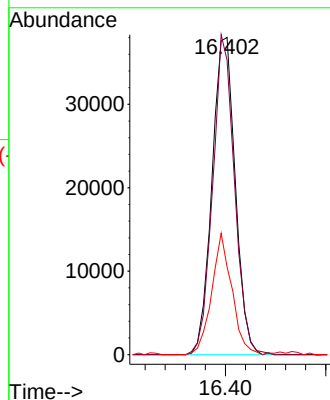
Tgt Ion:330 Resp: 61132

Ion Ratio Lower Upper

330 100

332 94.2 77.3 115.9

141 33.2 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 23.861 ng

RT: 13.546 min Scan# 1746

Delta R.T. -0.001 min

Lab File: BG056344.D

Acq: 19 Jan 2023 1:38

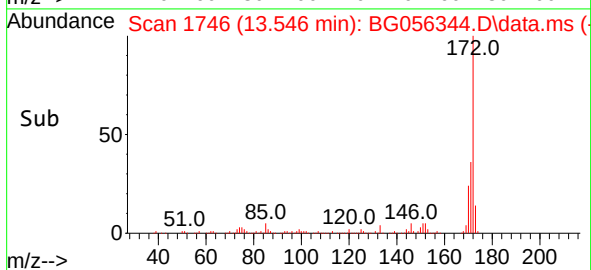
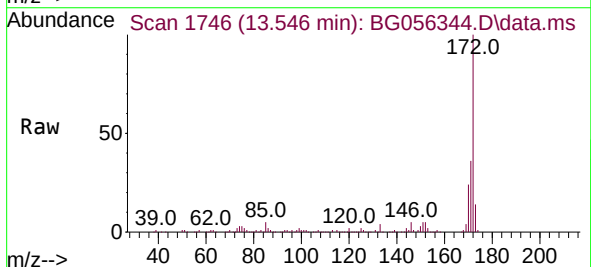
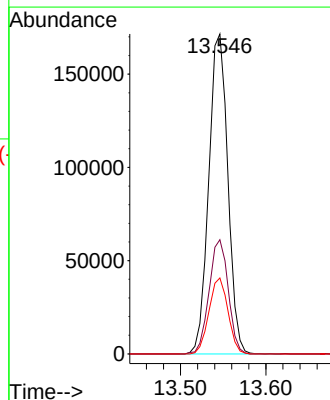
Tgt Ion:172 Resp: 265850

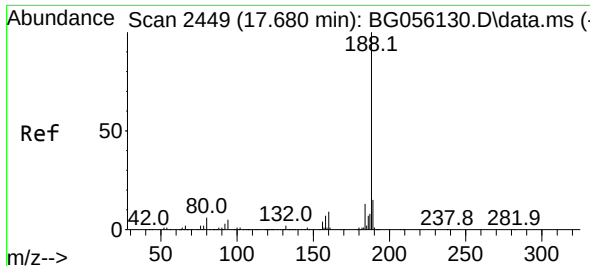
Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.7 19.4 29.2

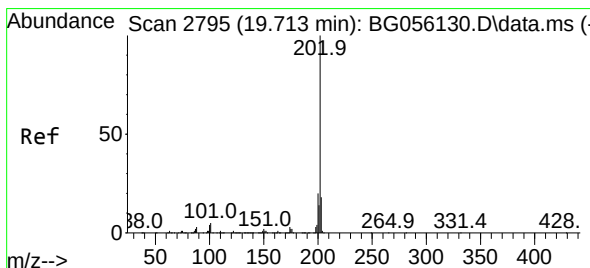
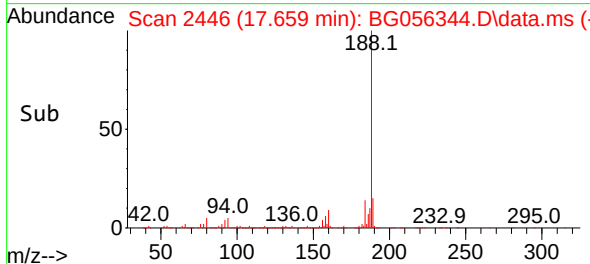
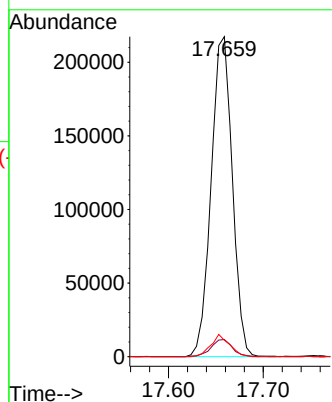
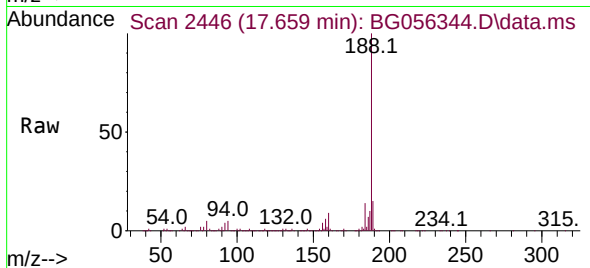




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.659 min Scan# 2449
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

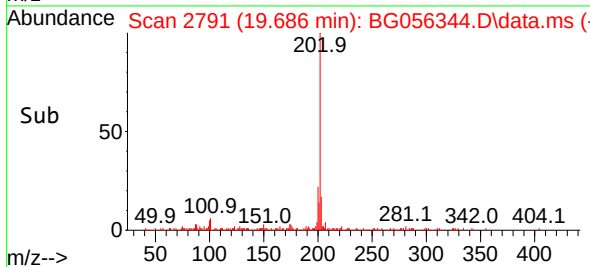
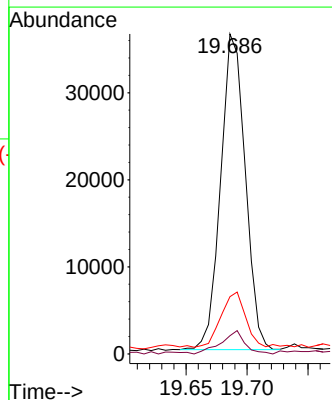
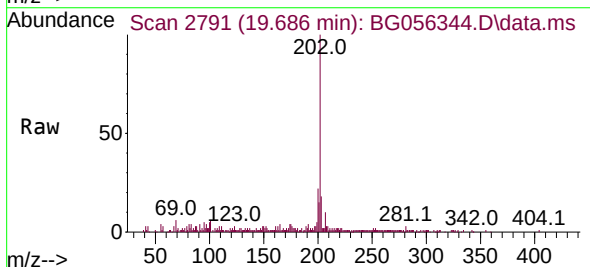
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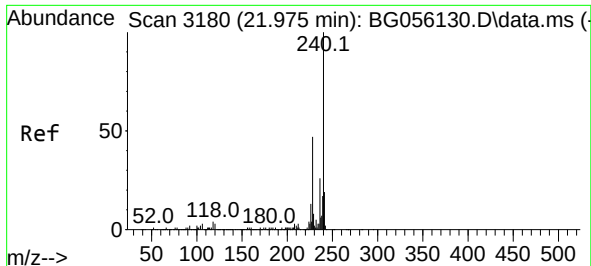
Tgt Ion:188 Resp: 337465
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.1 5.0 7.4



#75
Fluoranthene
Concen: 2.233 ng
RT: 19.686 min Scan# 2791
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:202 Resp: 50950
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.0
203 17.9 0.0 38.0

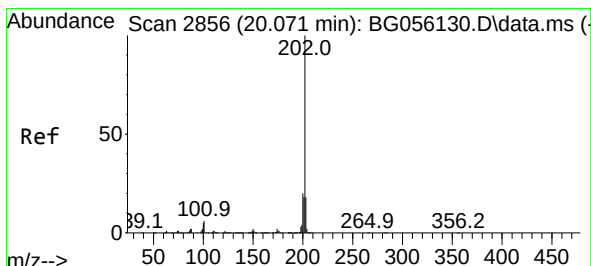
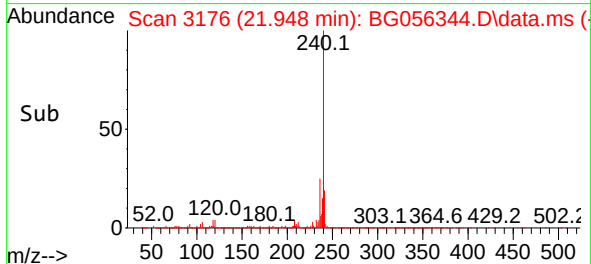
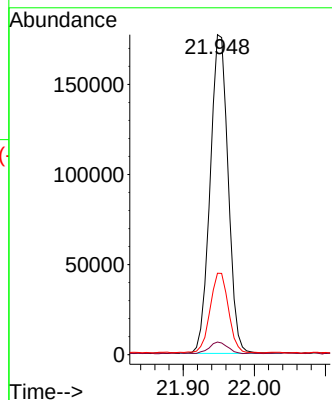
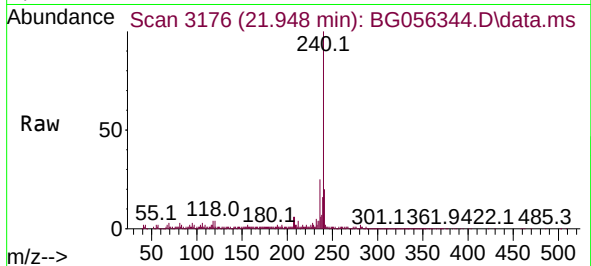




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.948 min Scan# 3180
Delta R.T. -0.007 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

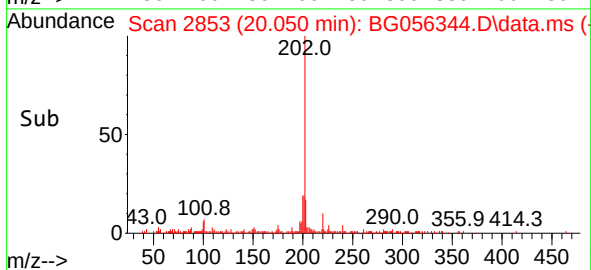
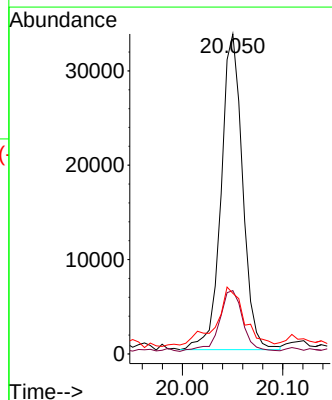
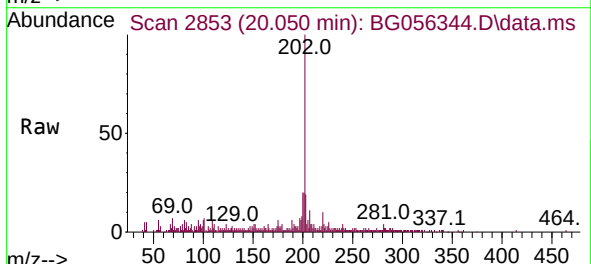
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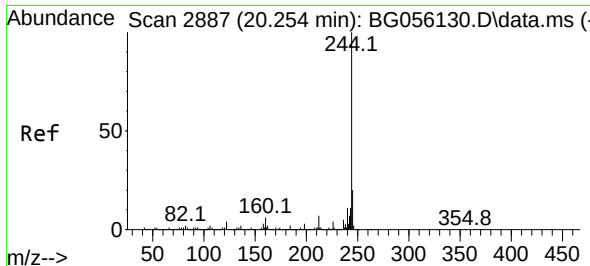
Tgt Ion:240 Resp: 310523
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 25.4 20.8 31.2



#78
Pyrene
Concen: 2.273 ng
RT: 20.050 min Scan# 2853
Delta R.T. -0.001 min
Lab File: BG056344.D
Acq: 19 Jan 2023 1:38

Tgt Ion:202 Resp: 49757
Ion Ratio Lower Upper
202 100
200 19.8 16.4 24.6
203 18.9 14.3 21.5

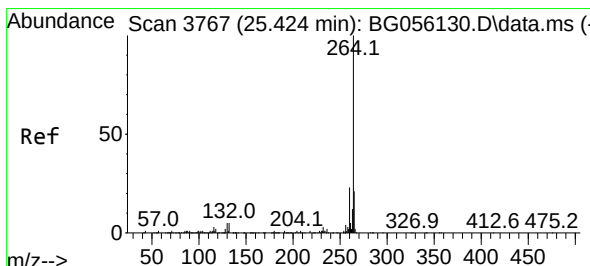
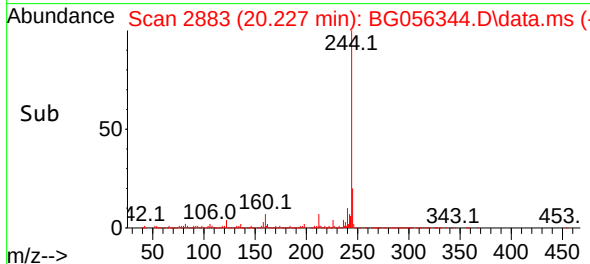
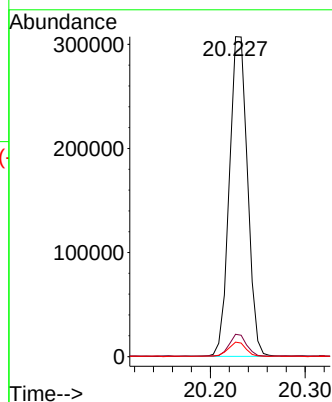
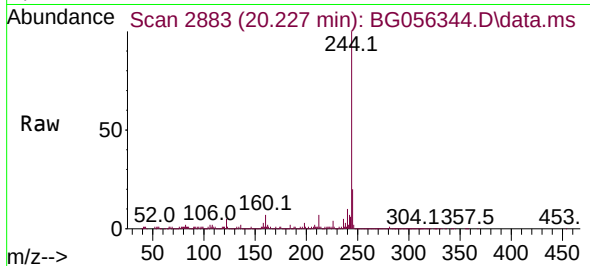




#79
 Terphenyl-d14
 Concen: 23.604 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. -0.007 min
 Lab File: BG056344.D
 Acq: 19 Jan 2023 1:38

Instrument :
 BNA_G
 ClientSampleId :
 CL-2-011623

Tgt Ion:244 Resp: 409227
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.5 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.403 min Scan# 3764
 Delta R.T. 0.011 min
 Lab File: BG056344.D
 Acq: 19 Jan 2023 1:38

Tgt Ion:264 Resp: 309220
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 22.8 16.7 25.1

