

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
 Data File : BG056020.D
 Acq On : 19 Dec 2022 19:30
 Operator : CG/JU
 Sample : N6065-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-S

Quant Time: Dec 20 01:07:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 20 01:01:12 2022
 Response via : Initial Calibration

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

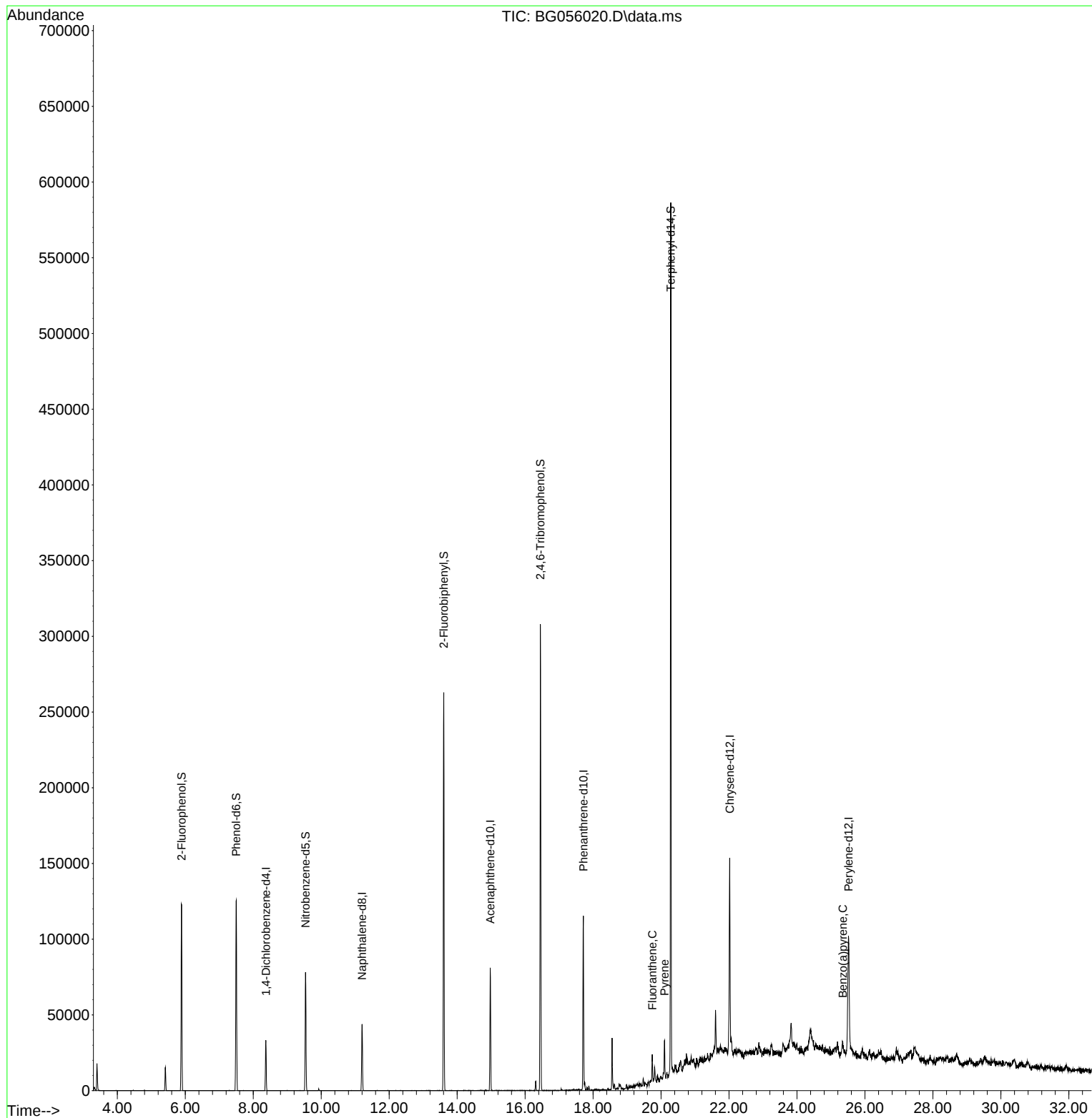
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.370	152	10324	20.000	ng	0.00
21) Naphthalene-d8	11.202	136	38342	20.000	ng	# 0.00
39) Acenaphthene-d10	14.974	164	31982	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	83143	20.000	ng	0.00
76) Chrysene-d12	22.019	240	82327	20.000	ng	-0.01
86) Perylene-d12	25.515	264	100770	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.891	112	50348	114.369	ng	0.00
7) Phenol-d6	7.495	99	60952	107.653	ng	0.00
23) Nitrobenzene-d5	9.539	82	40788	74.340	ng	0.00
42) 2,4,6-Tribromophenol	16.449	330	80360	104.204	ng	-0.01
45) 2-Fluorobiphenyl	13.605	172	143177	62.786	ng	0.00
79) Terphenyl-d14	20.285	244	307659	66.048	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.739	202	12728	2.086	ng	98
78) Pyrene	20.103	202	16739	3.360	ng	98
90) Benzo(a)pyrene	25.350	252	11311	2.052	ng	# 87

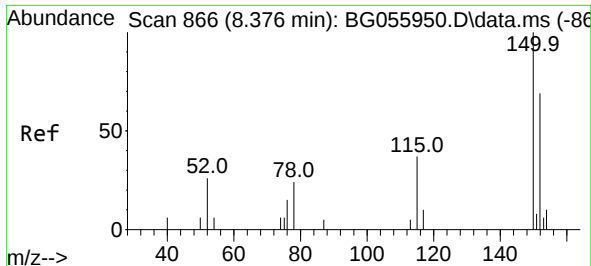
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
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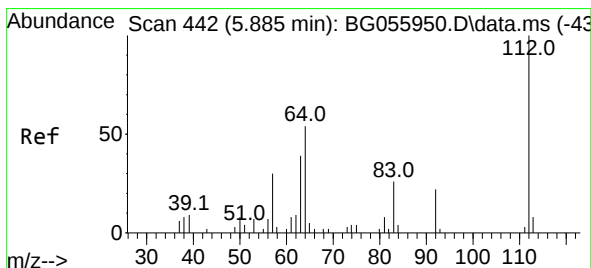
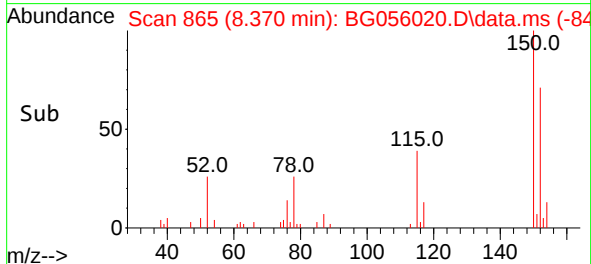
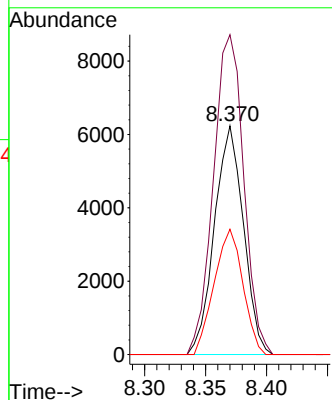
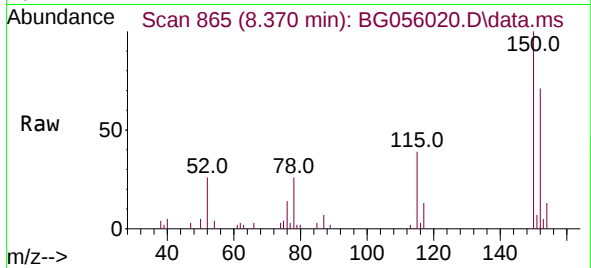




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.370 min Scan# 866
Delta R.T. 0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

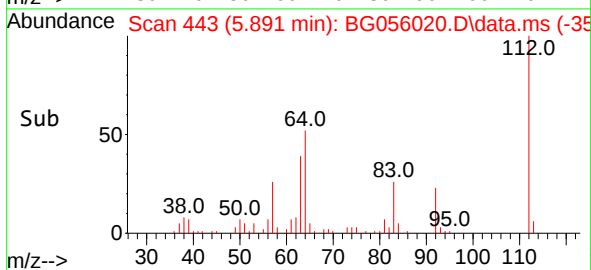
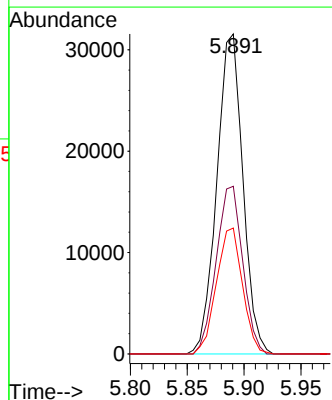
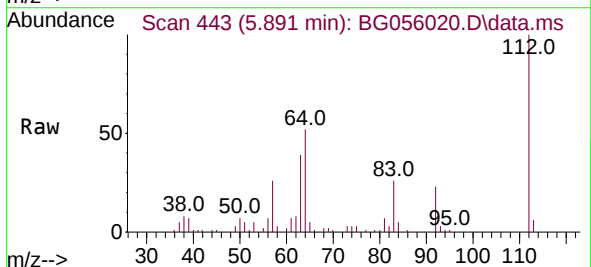
Instrument :
BNA_G
ClientSampleId :
TP-S

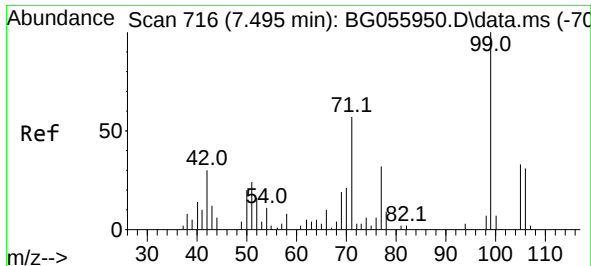
Tgt Ion:152 Resp: 10324
Ion Ratio Lower Upper
152 100
150 139.9 115.7 173.5
115 54.8 43.0 64.4



#5
2-Fluorophenol
Concen: 114.369 ng
RT: 5.891 min Scan# 443
Delta R.T. 0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:112 Resp: 50348
Ion Ratio Lower Upper
112 100
64 52.4 43.0 64.4
63 39.3 31.4 47.2

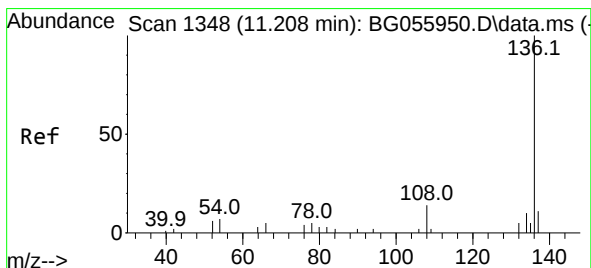
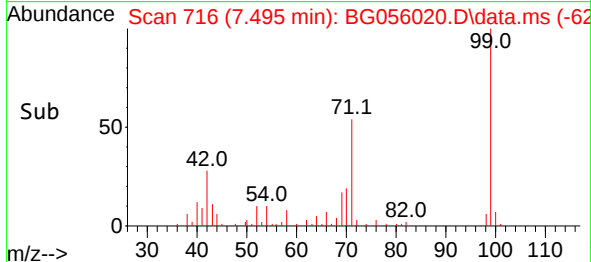
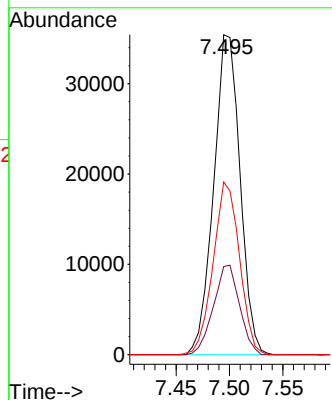
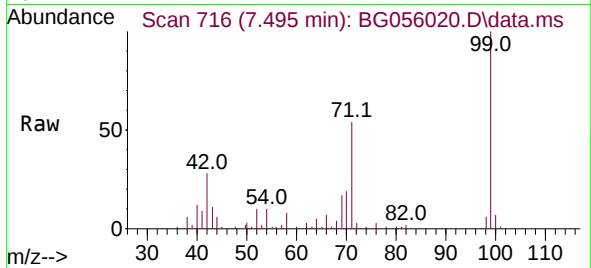




#7
Phenol-d6
Concen: 107.653 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.000 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

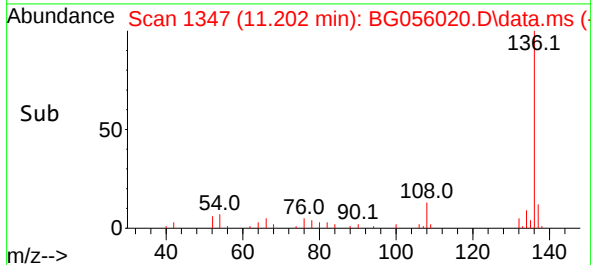
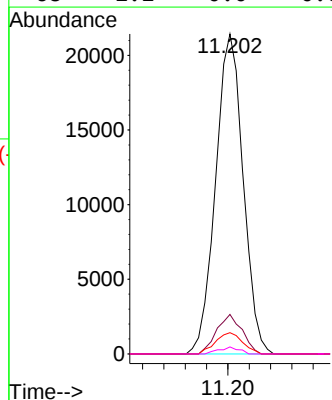
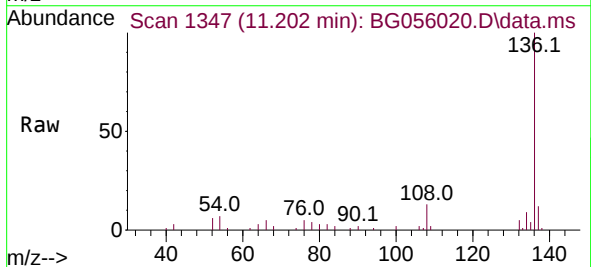
Instrument :
BNA_G
ClientSampleId :
TP-S

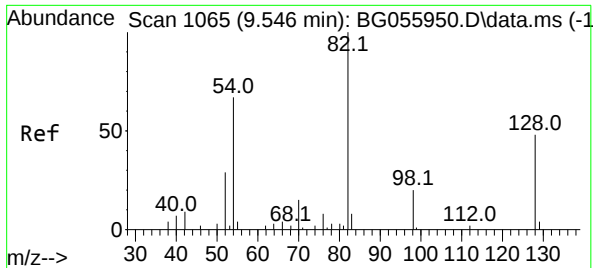
Tgt Ion: 99 Resp: 60952
Ion Ratio Lower Upper
99 100
42 27.5 24.3 36.5
71 53.9 45.6 68.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.202 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:136 Resp: 38342
Ion Ratio Lower Upper
136 100
137 12.3 9.2 13.8
54 6.6 5.6 8.4
68 2.2 0.0 0.0

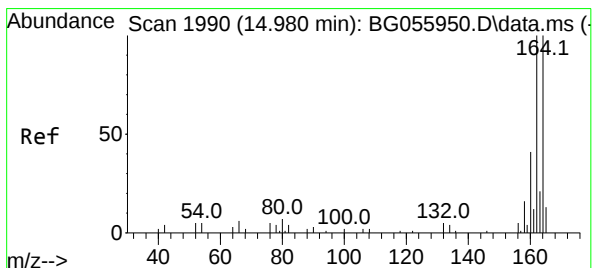
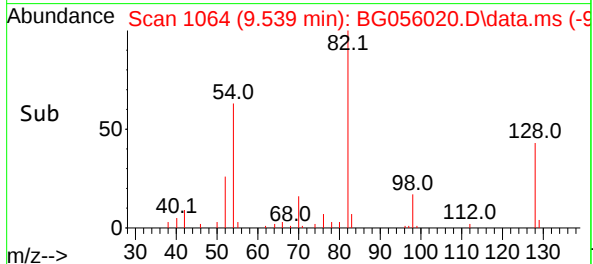
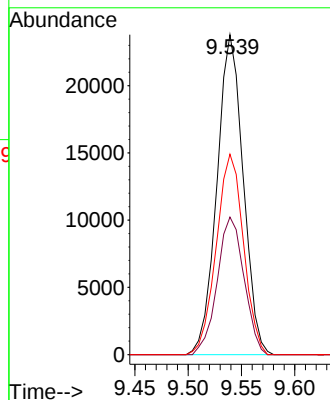
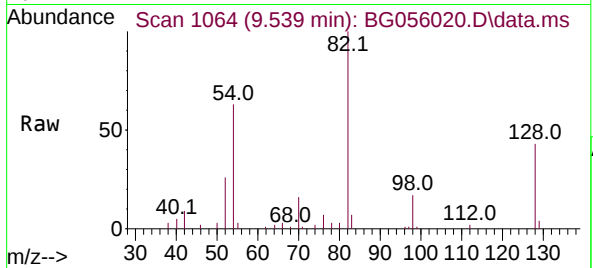




#23
Nitrobenzene-d5
Concen: 74.340 ng
RT: 9.539 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

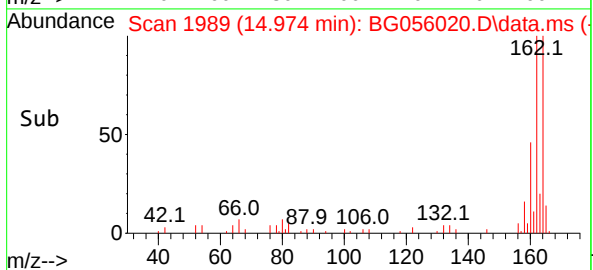
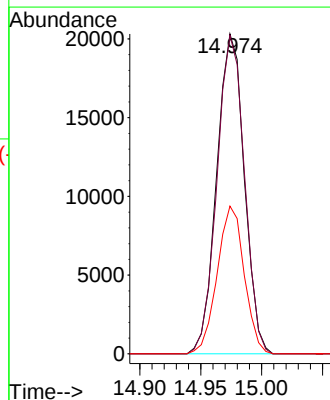
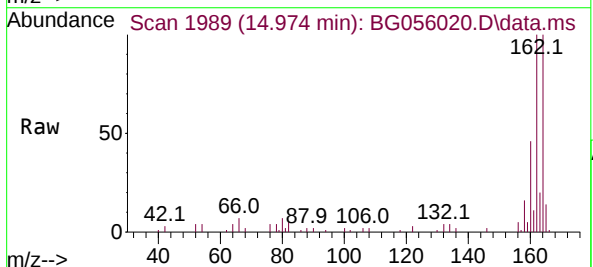
Instrument :
BNA_G
ClientSampleId :
TP-S

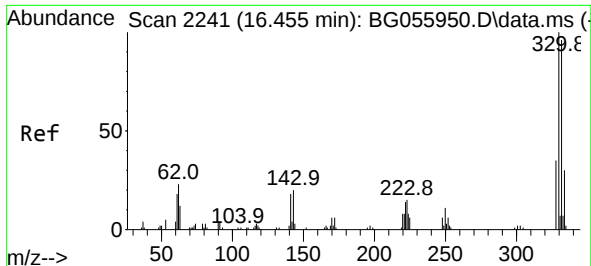
Tgt Ion: 82 Resp: 40788
Ion Ratio Lower Upper
82 100
128 43.0 38.4 57.6
54 62.7 53.3 79.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.974 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

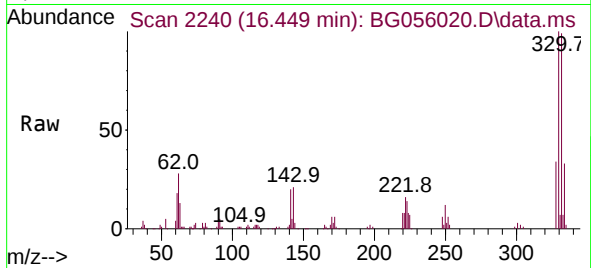
Tgt Ion:164 Resp: 31982
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 46.2 33.0 49.4



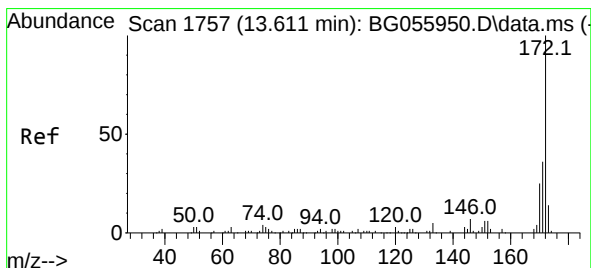
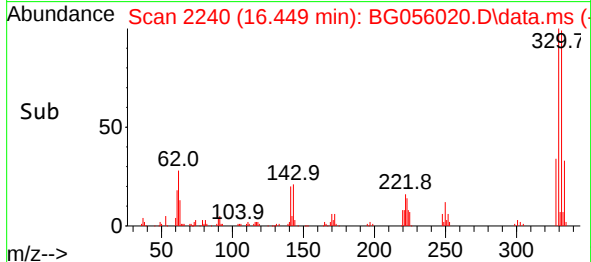
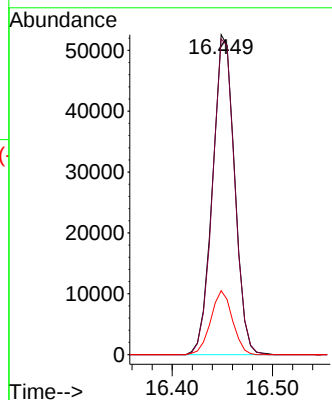


#42
2,4,6-Tribromophenol
Concen: 104.204 ng
RT: 16.449 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Instrument :
BNA_G
ClientSampleId :
TP-S

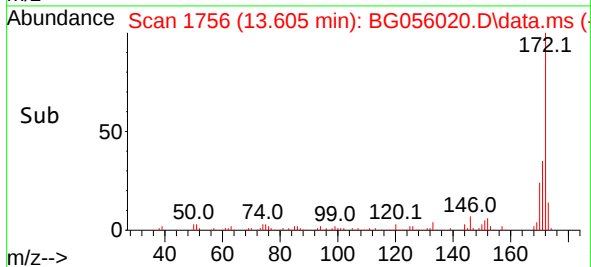
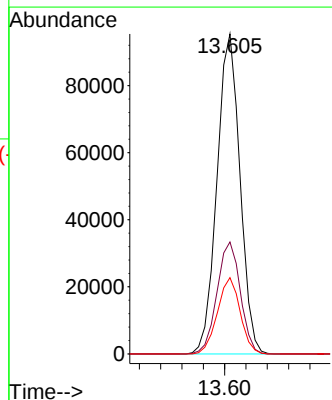
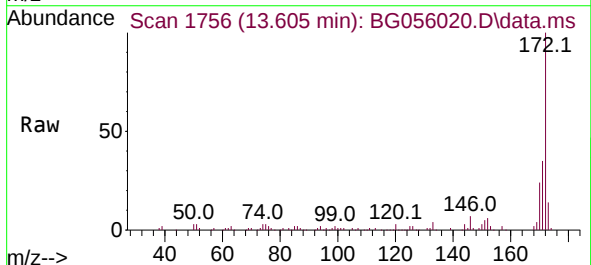


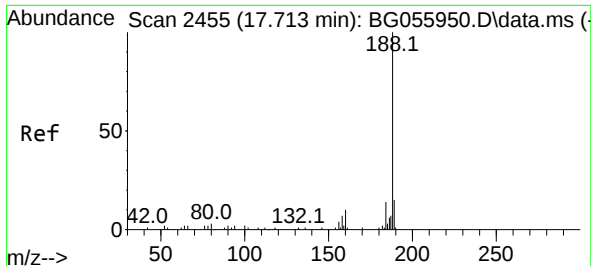
Tgt Ion:330 Resp: 80360
Ion Ratio Lower Upper
330 100
332 98.6 76.6 114.8
141 19.6 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 62.786 ng
RT: 13.605 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:172 Resp: 143177
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.8 19.9 29.9

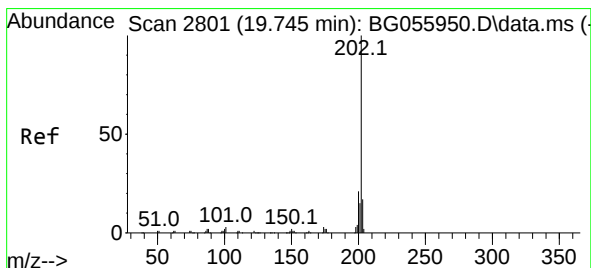
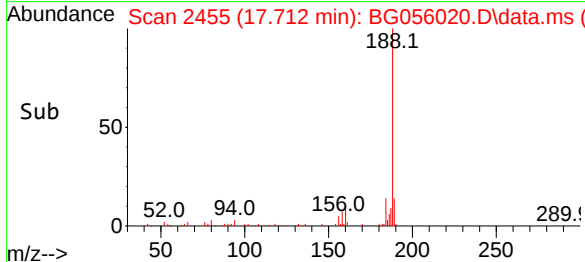
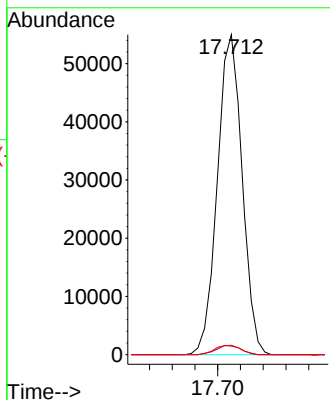
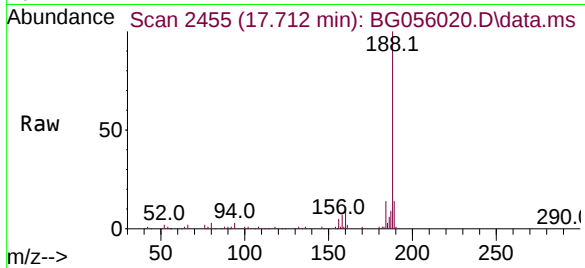




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

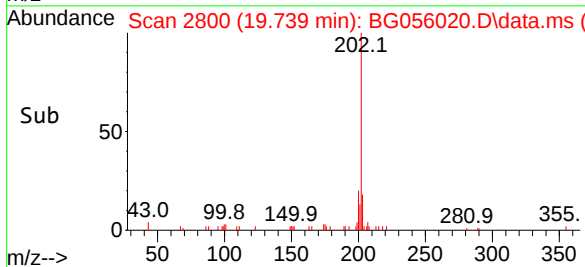
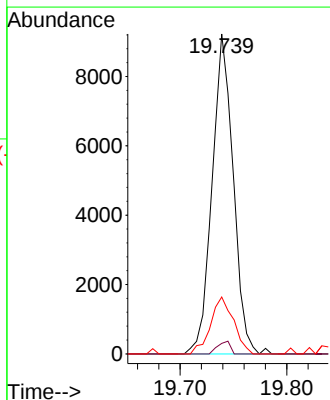
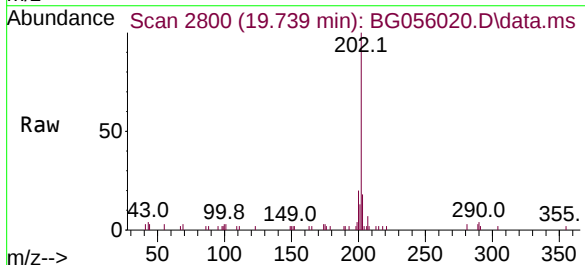
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ClientSampleId :
TP-S

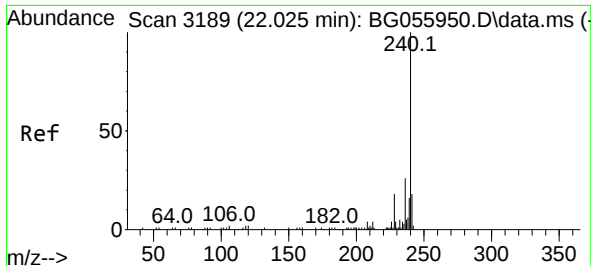
Tgt Ion:188 Resp: 83143
Ion Ratio Lower Upper
188 100
94 2.7 1.8 2.8
80 2.9 2.4 3.6



#75
Fluoranthene
Concen: 2.086 ng
RT: 19.739 min Scan# 2800
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:202 Resp: 12728
Ion Ratio Lower Upper
202 100
101 3.3 0.0 22.6
203 17.8 0.0 37.1

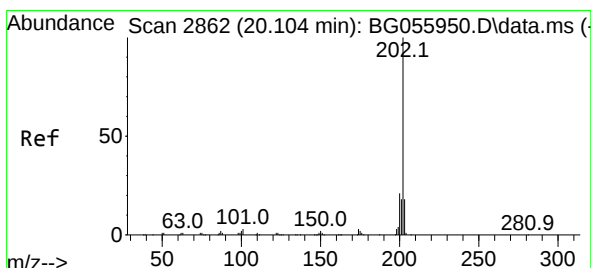
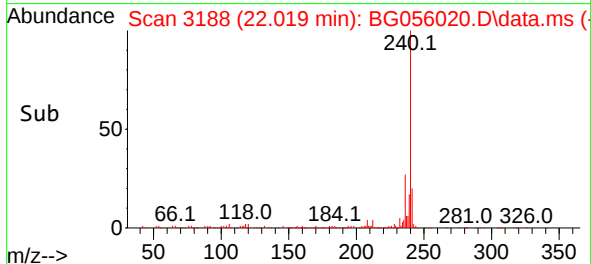
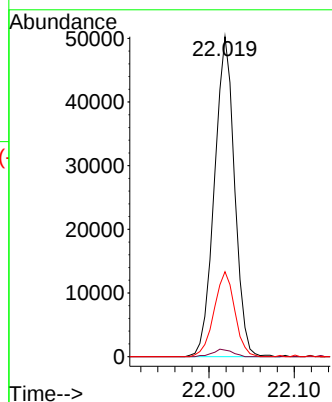
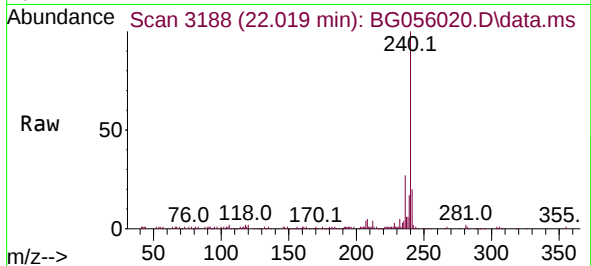




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.012 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

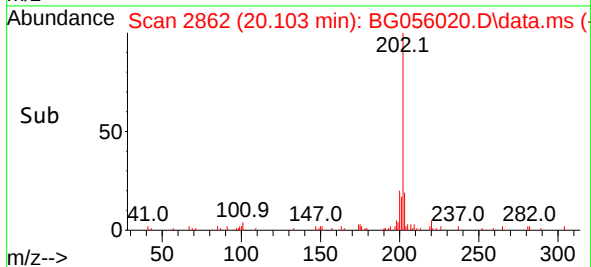
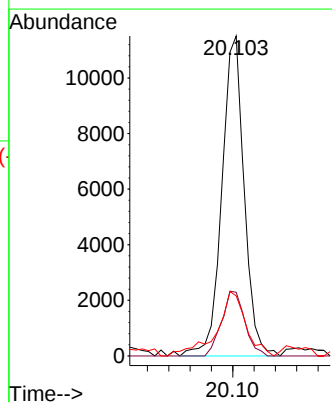
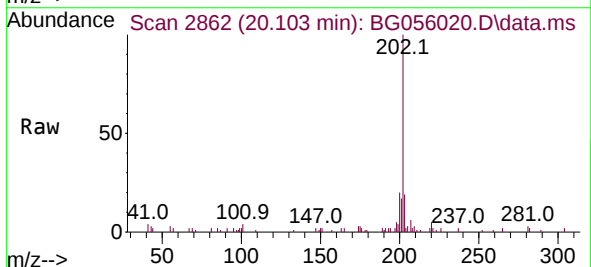
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BNA_G
ClientSampleId :
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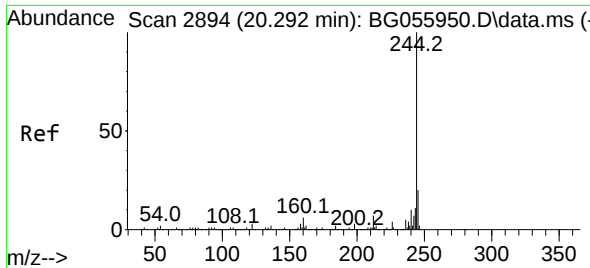
Tgt Ion:240 Resp: 82327
Ion Ratio Lower Upper
240 100
120 2.0 1.7 2.5
236 26.5 21.1 31.7



#78
Pyrene
Concen: 3.360 ng
RT: 20.103 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BG056020.D
Acq: 19 Dec 2022 19:30

Tgt Ion:202 Resp: 16739
Ion Ratio Lower Upper
202 100
200 19.9 16.7 25.1
203 18.8 14.6 21.8

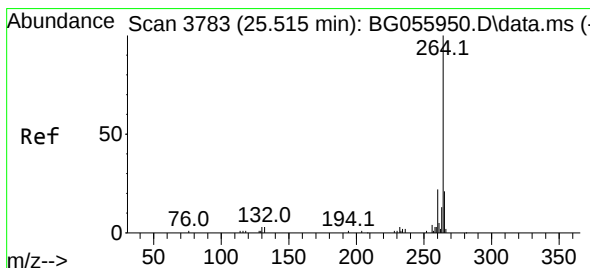
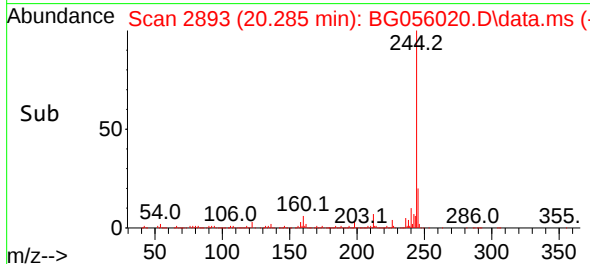
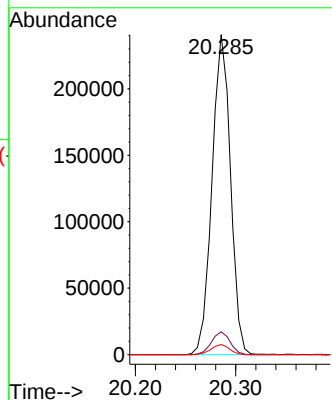
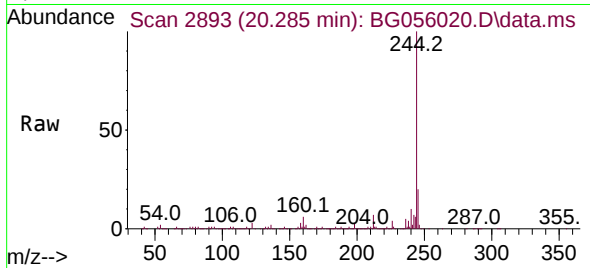




#79
 Terphenyl-d14
 Concen: 66.048 ng
 RT: 20.285 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG056020.D
 Acq: 19 Dec 2022 19:30

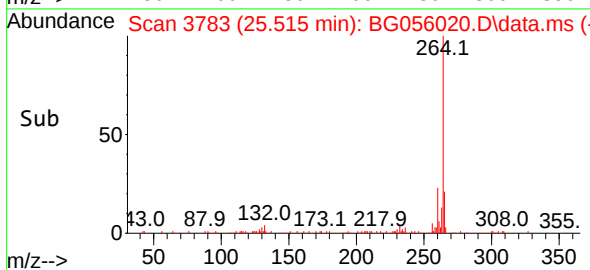
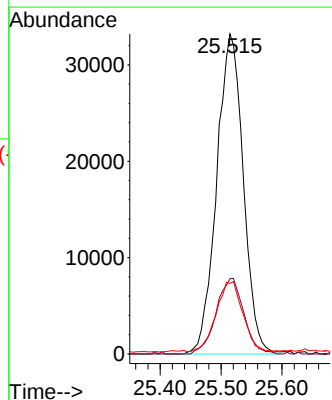
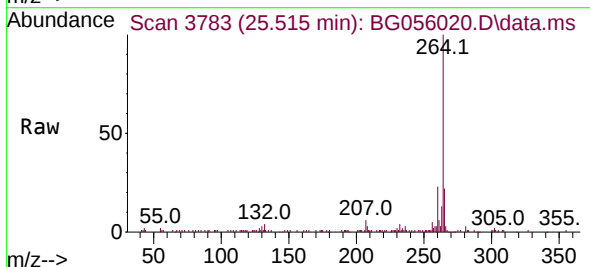
Instrument :
 BNA_G
 ClientSampleId :
 TP-S

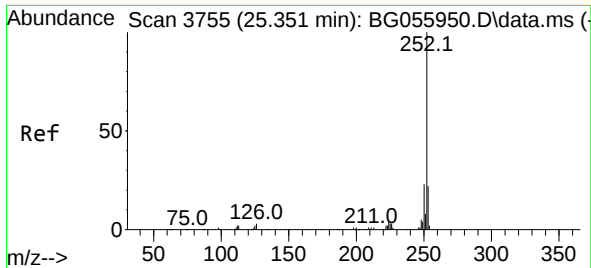
Tgt Ion:244 Resp: 307659
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.2 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.515 min Scan# 3783
 Delta R.T. -0.012 min
 Lab File: BG056020.D
 Acq: 19 Dec 2022 19:30

Tgt Ion:264 Resp: 100770
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.8 26.8
 265 22.0 16.6 25.0





#90

Benzo(a)pyrene

Concen: 2.052 ng

RT: 25.350 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG056020.D

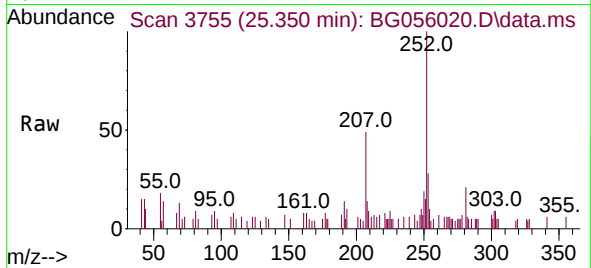
Acq: 19 Dec 2022 19:30

Instrument :

BNA_G

ClientSampleId :

TP-S



Tgt Ion:252 Resp: 11311

Ion Ratio Lower Upper

252 100

253 28.4 17.7 26.5#

125 6.0 1.9 2.9#

